

<u>06/10/2021</u>



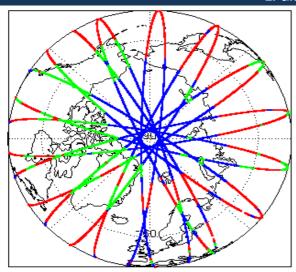
# 1. Overview

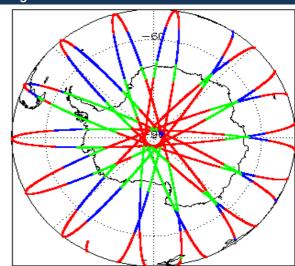
Report Production Date:	05-Nov-2021	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

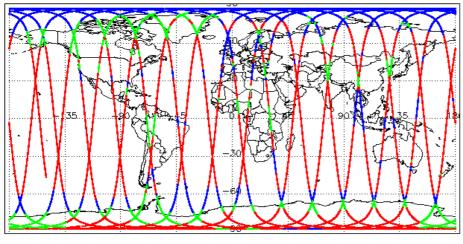
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	Nominal
L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5
QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3

ı	Mission / Instru	ment News
	05-Oct-2021	None
	06-Oct-2021	None
	07-Oct-2021	Nothing planned

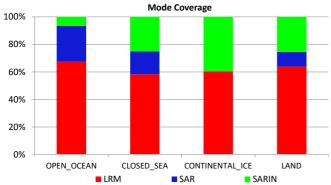
# 2. Global Coverage

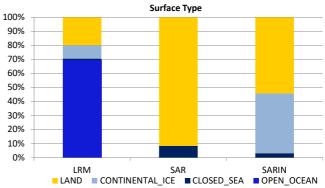












## 3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

## 4. Level 1B Data Quality Check

### 4.1 L1B Product Format Check

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

Number of products with errors:

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### 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:

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### 4.3 Star Tracker Usage Check

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

Number of products with errors:

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### 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.

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

Number of products with errors: 11

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20211005T235609_20211006T002805_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T004301_20211006T004306_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T004703_20211006T004826_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T004838_20211006T004942_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T005925_20211006T011636_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T015549_20211006T020835_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T020837_20211006T020950_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T020952_20211006T020955_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T022905_20211006T023021_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T023153_20211006T023637_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T023718_20211006T025610_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T031356_20211006T034858_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T034903_20211006T035003_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T042135_20211006T043442_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T044335_20211006T044532_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T045309_20211006T050755_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T050958_20211006T051919_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T052250_20211006T052943_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T054137_20211006T055837_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T060318_20211006T060548_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T060550_20211006T060552_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T060555_20211006T060629_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T060632_20211006T061158_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T061230_20211006T061255_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T065515_20211006T065625_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T065821_20211006T065913_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T065926_20211006T065955_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T065958_20211006T070511_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T070514_20211006T070926_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T072454_20211006T072859_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T072901_20211006T073043_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T073328_20211006T075624_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T080009_20211006T080836_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T081220_20211006T083647_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T084022_20211006T084455_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T085954_20211006T090039_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T090201_20211006T090553_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T090800_20211006T090934_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T090937_20211006T093531_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T095149_20211006T101543_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T101546_20211006T101653_E001	Loss of echo	The tracking echo is missing for one or more records

CS OFFL SIR LRM 1B 20211006T101657 20211006T101740 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211006T101742 20211006T101946 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211006T102247 20211006T102525 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211006T114002 20211006T114410 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211006T114744 20211006T114800 E001	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_20211006T114939_20211006T115527_E001	Loss of echo	o o
CS_OFFL_SIR_LRM_1B_20211006T115816_20211006T115818_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T115820_20211006T115848_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T115906_20211006T115949_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T115951_20211006T120041_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T120618_20211006T120816_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T120839_20211006T120857_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T122032_20211006T125316_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T133023_20211006T133608_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T133728_20211006T133746_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T133757_20211006T133815_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T133820_20211006T133934_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T135716_20211006T142752_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T142803_20211006T143233_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T144047_20211006T144501_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T153555_20211006T153624_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T153628_20211006T153631_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T153633_20211006T153650_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T153652_20211006T153724_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T153726_20211006T154133_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T155455_20211006T155716_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T155722_20211006T160423_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211006T160425 20211006T160529 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211006T163051 20211006T164130 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211006T164132 20211006T164314 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211006T171458 20211006T171810 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211006T171813 20211006T172040 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211006T172434 20211006T173403 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211006T173405 20211006T173415 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211006T173618 20211006T174330 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211006T181300 20211006T181609 E001	Loss of echo	The tracking echo is missing for one or more records
		•
CS_OFFL_SIR_LRM_1B_20211006T181611_20211006T181626_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T181630_20211006T181631_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T181634_20211006T181640_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T181645_20211006T181648_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T181653_20211006T181703_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T181706_20211006T181707_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T181709_20211006T181709_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T181713_20211006T181733_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T181735_20211006T181748_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T181810_20211006T181840_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T182443_20211006T182910_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T182912_20211006T183312_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T183426_20211006T183740_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T183903_20211006T184123_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T185335_20211006T185821_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T185823_20211006T185838_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T185840_20211006T185851_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T185925_20211006T190432_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T190614_20211006T190719_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T193831_20211006T193953_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T194543_20211006T200747_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T200749_20211006T201125_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T201221_20211006T201900_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T202023_20211006T202109_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T203317_20211006T203619_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T203635_20211006T204019_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T204145_20211006T204215_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T204417_20211006T210828_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T215248_20211006T215318_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T215433_20211006T215528_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20211006T221337_20211006T221921_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T221932_20211006T222212_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T222216_20211006T222351_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T222354_20211006T224757_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T225629_20211006T230000_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T234936_20211006T235236_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T235443_20211006T235649_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211006T235722_20211006T235825_E001	Loss of echo	The tracking echo is missing for one or more records

## 4.5 L1B Calibration Usage Check

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

Number of products with errors:

# 4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

#### 4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

### 4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20211006T072454_20211006T072859_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20211006T090201_20211006T090553_E001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20211006T221337_20211006T221921_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

## 5. Level 2 Data Quality Check

### 5.1 L2 Product Format Check

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

Number of products with errors:

### 5.2 L2 Product Header Analysis

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

Number of products with errors:

#### 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

### 5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

### 5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors: 23

Product	Test Failed	Description
		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_220211006T005925_20211006T011636_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_220211006T013424_20211006T015533_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_220211006T015549_20211006T020835_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_220211006T023153_20211006T023637_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_220211006T023718_20211006T025610_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_20211006T031356_20211006T034858_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_2_20211006T040147_20211006T042102_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_220211006T042135_20211006T043442_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_220211006T045309_20211006T050755_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_220211006T050958_20211006T051919_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_220211006T054137_20211006T055837_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_220211006T063249_20211006T064626_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_220211006T065926_20211006T065955_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211006T065958_20211006T070511_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211006T072012_20211006T072033_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_220211006T072101_20211006T072331_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_220211006T072901_20211006T073043_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_220211006T073328_20211006T075624_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_220211006T081220_20211006T083647_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_220211006T090937_20211006T093531_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_220211006T095149_20211006T101543_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_220211006T104249_20211006T111312_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_220211006T114002_20211006T114410_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_220211006T120618_20211006T120816_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_220211006T120839_20211006T120857_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_220211006T122032_20211006T125316_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_220211006T131124_20211006T132717_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_220211006T133728_20211006T133746_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_20211006T135716_20211006T142752_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_220211006T142803_20211006T143233_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_220211006T145020_20211006T151428_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_220211006T151558_20211006T152301_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_220211006T153726_20211006T154133_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_220211006T154225_20211006T155037_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_220211006T155455_20211006T155716_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_220211006T155722_20211006T160423_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_220211006T163051_20211006T164130_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_220211006T164457_20211006T165343_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_220211006T165510_20211006T170208_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_220211006T172434_20211006T173403_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_20211006T173405_20211006T173415_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_220211006T173618_20211006T174330_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_220211006T182443_20211006T182910_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_220211006T182912_20211006T183312_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_220211006T183426_20211006T183740_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_220211006T183903_20211006T184123_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_220211006T185925_20211006T190432_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211006T191454_20211006T192919_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_220211006T194543_20211006T200747_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_220211006T200749_20211006T201125_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_220211006T204417_20211006T210828_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_220211006T212434_20211006T215053_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_220211006T215248_20211006T215318_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_220211006T215433_20211006T215528_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_220211006T221337_20211006T221921_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20211006T222354_20211006T224757_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_220211006T230521_20211006T233751_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_220211006T234936_20211006T235236_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

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CS_OFFL_SIR_SAR_220211006T003118_20211006T003811_E001	Backscatter Error (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_220211006T003811_20211006T004021_E001	Backscatter Error (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_220211006T004306_20211006T004703_E001	Backscatter Error (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_20211006T004946_20211006T005308_E001	Backscatter Error (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_220211006T011637_20211006T012042_E001	Backscatter Error (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_20211006T013024_20211006T013424_E001	Backscatter Error (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_20211006T015533_20211006T015549_E001	Backscatter Error (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_220211006T020955_20211006T021712_E001	Backscatter Error (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_220211006T021712_20211006T021921_E001	Backscatter Error (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_220211006T022139_20211006T022905_E001	Backscatter Error (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_220211006T023021_20211006T023153_E001	Backscatter Error (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_220211006T025610_20211006T030107_E001	Backscatter Error (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_220211006T031142_20211006T031355_E001	Backscatter Error (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_220211006T035003_20211006T035047_E001	Backscatter Error (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_220211006T035142_20211006T035607_E001	Backscatter Error (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_220211006T035607_20211006T035719_E001	Backscatter Error (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_220211006T040134_20211006T040147_E001	Backscatter Error (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_220211006T042103_20211006T042135_E001	Backscatter Error (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_220211006T043443_20211006T044059_E001	Backscatter Error (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_220211006T045208_20211006T045308_E001	Backscatter Error (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_220211006T050756_20211006T050957_E001	Backscatter Error (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_20211006T052943_20211006T053418_E001	Backscatter Error (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_220211006T053418_20211006T053612_E001	Backscatter Error (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_220211006T061255_20211006T061358_E001	Backscatter Error (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_20211006T063121_20211006T063249_E001	Backscatter Error (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_20211006T064626_20211006T065321_E001	Backscatter Error (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_220211006T070926_20211006T071536_E001	Backscatter Error (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_220211006T071757_20211006T071825_E001	Backscatter Error (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_220211006T073044_20211006T073127_E001	Backscatter Error (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_220211006T075624_20211006T075817_E001	Backscatter Error (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_20211006T081036_20211006T081220_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 _20211006T084639 _20211006T084918 _E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAR 2 20211006T084937 20211006T085034 E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211006T085101_20211006T085517_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_20211006T093531_20211006T093757_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAR 2 20211006T094930 20211006T095149 E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAR 2 20211006T102525 20211006T102637 E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211006T102911_20211006T103601_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_220211006T103620_20211006T103627_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211006T111312_20211006T111748_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211006T112833_20211006T113057_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211006T113459_20211006T114001_E001	Backscatter Error (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_220211006T115527_20211006T115609_E001	Backscatter Error (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_220211006T120219_20211006T120324_E001	Backscatter Error (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_220211006T120427_20211006T120529_E001	Backscatter Error (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_220211006T120823_20211006T120839_E001	Backscatter Error (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_20211006T120857_20211006T121644_E001	Backscatter Error (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_220211006T125317_20211006T125723_E001	Backscatter Error (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_20211006T130715_20211006T131124_E001	Backscatter Error (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_20211006T133609_20211006T133727_E001	Backscatter Error (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_20211006T133935_20211006T134043_E001	Backscatter Error (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_20211006T134043_20211006T134527_E001	Backscatter Error (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_220211006T134657_20211006T134815_E001	Backscatter Error (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_220211006T134905_20211006T135716_E001	Backscatter Error (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_220211006T143233_20211006T143438_E001	Backscatter Error (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_220211006T144608_20211006T145020_E001	Backscatter Error (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_220211006T151428_20211006T151558_E001	Backscatter Error (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_220211006T152346_20211006T152357_E001	Backscatter Error (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_220211006T152833_20211006T153555_E001	Backscatter Error (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_220211006T154133_20211006T154225_E001	Backscatter Error (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_220211006T155038_20211006T155455_E001	Backscatter Error (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_220211006T160529_20211006T160615_E001	Backscatter Error (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_220211006T161148_20211006T161243_E001	Backscatter Error (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_220211006T161244_20211006T161246_E001	Backscatter Error (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_20211006T162352_20211006T163051_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_20211006T164315_20211006T164457_E001	Backscatter Error (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_20211006T165344_20211006T165510_E001	Backscatter Error (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_20211006T170746_20211006T171306_E001	Backscatter Error (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_20211006T171332_20211006T171458_E001	Backscatter Error (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_20211006T173415_20211006T173617_E001	Backscatter Error (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_20211006T174330_20211006T174450_E001	Backscatter Error (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_20211006T175037_20211006T175201_E001	Backscatter Error (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_20211006T180648_20211006T180714_E001	Backscatter Error (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_20211006T181026_20211006T181259_E001	Backscatter Error (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_220211006T183313_20211006T183426_E001	Backscatter Error (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_20211006T184636_20211006T185111_E001	Backscatter Error (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_20211006T185111_20211006T185334_E001	Backscatter Error (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_20211006T190719_20211006T191454_E001	Backscatter Error (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_220211006T192919_20211006T193119_E001	Backscatter Error (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_220211006T194314_20211006T194543_E001	Backscatter Error (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_220211006T202459_20211006T203020_E001	Backscatter Error (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_20211006T203037_20211006T203317_E001	Backscatter Error (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_20211006T210828_20211006T211051_E001	Backscatter Error (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_20211006T212210_20211006T212434_E001	Backscatter Error (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_20211006T215053_20211006T215248_E001	Backscatter Error (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_20211006T220152_20211006T221050_E001	Backscatter Error (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_20211006T221114_20211006T221337_E001	Backscatter Error (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_220211006T224757_20211006T225017_E001	Backscatter Error (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_20211006T230120_20211006T230521_E001	Backscatter Error (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_20211006T234121_20211006T234936_E001	Backscatter Error (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_220211006T235236_20211006T235442_E001	Backscatter Error (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_20211006T235857_20211007T000010_E001	Backscatter Error (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_220211006T002805_20211006T003117_E001	Backscatter Error (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_220211006T004210_20211006T004301_E001	Backscatter Error (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_220211006T012042_20211006T012208_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_220211006T012720_20211006T013024_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_220211006T030107_20211006T030406_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_220211006T030623_20211006T031142_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_220211006T035047_20211006T035142_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211006T035719_20211006T040134_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_220211006T044100_20211006T044334_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_220211006T044532_20211006T044704_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211006T045035_20211006T045208_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_220211006T051919_20211006T052250_E001	Backscatter Error (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_220211006T053613_20211006T053726_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_220211006T053907_20211006T054137_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Hetracker 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_220211006T061358_20211006T061459_E001	Backscatter Error (Herracker Z), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211006T061602_20211006T062158_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_220211006T062937_20211006T063121_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_220211006T065626_20211006T065821_E001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220211006T071536_20211006T071757_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20211006T071825_20211006T072012_E001	Backscätter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211006T072033_20211006T072101_E001	Backscatter Error (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_220211006T072331_20211006T072454_E001	Backscatter Error (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_220211006T073206_20211006T073328_E001	Backscatter Error (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_220211006T075817_20211006T080008_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_220211006T080836_20211006T081036_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_220211006T083647_20211006T084022_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_220211006T084918_20211006T084936_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211006T085034_20211006T085100_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model เมละหรับสิทิต Error (กอเกลบหยา 2),	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_220211006T085517_20211006T085954_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211006T093757_20211006T093935_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_220211006T094058_20211006T094221_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211006T094638_20211006T094930_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_220211006T103601_20211006T103620_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Dackscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220211006T103627_20211006T104249_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211006T111748_20211006T112134_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_220211006T112719_20211006T112833_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_220211006T115609_20211006T115816_E001	Backscatter Error (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_220211006T120324_20211006T120427_E001	Backscatter Error (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_220211006T120529_20211006T120618_E001	Backscatter Error (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_220211006T121644_20211006T121809_E001	Backscatter Error (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_220211006T121848_20211006T122032_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_220211006T125723_20211006T130039_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_20211006T130552_20211006T130715_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

Backscatter Error (Retracker 2). SARIN There is a backscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. There is a backscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. There is a backscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. There is a backscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. There is a backscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. There is a backscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. The sackscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. The sackscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. The sackscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. The sackscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. The sackscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. The sackscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. The sackscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. The sackscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. The sackscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. The sackscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. The sackscatter error for Retracker 2 and 3 and an ambiguous was detected for SARIn mode for one or more records. The sackscatter error for R	S_OFFL_SIR_SIN_2_20211006T134815_20211006T134904_E001  S_OFFL_SIR_SIN_2_20211006T142752_20211006T142803_E001  S_OFFL_SIR_SIN_2_20211006T143439_20211006T143839_E001  S_OFFL_SIR_SIN_2_20211006T144502_20211006T144608_E001  S_OFFL_SIR_SIN_2_20211006T152357_20211006T152606_E001  S_OFFL_SIR_SIN_2_20211006T152715_20211006T152832_E001  S_OFFL_SIR_SIN_2_20211006T161247_20211006T161418_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
Backscatter Error (Fetracker 3), SARIIN track Angle Error (Fetracker 3), SARIIN track	S_OFFL_SIR_SIN_2_20211006T142752_20211006T142803_E001  S_OFFL_SIR_SIN_2_20211006T143439_20211006T143839_E001  S_OFFL_SIR_SIN_2_20211006T144502_20211006T144608_E001  S_OFFL_SIR_SIN_2_20211006T152357_20211006T152606_E001  S_OFFL_SIR_SIN_2_20211006T152715_20211006T152832_E001  S_OFFL_SIR_SIN_2_20211006T161247_20211006T161418_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3	S_OFFL_SIR_SIN_2_20211006T143439_20211006T143839_E001  S_OFFL_SIR_SIN_2_20211006T144502_20211006T144608_E001  S_OFFL_SIR_SIN_2_20211006T152357_20211006T152606_E001  S_OFFL_SIR_SIN_2_20211006T152715_20211006T152832_E001  S_OFFL_SIR_SIN_2_20211006T161247_20211006T161418_E001	Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
Backscatter Error (Retracker 3), SARIN X track Angle Error Sario S	S_OFFL_SIR_SIN_2_20211006T144502_20211006T144608_E001  S_OFFL_SIR_SIN_2_20211006T152357_20211006T152606_E001  S_OFFL_SIR_SIN_2_20211006T152715_20211006T152832_E001  S_OFFL_SIR_SIN_2_20211006T161247_20211006T161418_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
S_OFFL_SIR_SIN_2_20211006T144502_20211006T152806_E001  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X	S_OFFL_SIR_SIN_2_20211006T152357_20211006T152606_E001  S_OFFL_SIR_SIN_2_20211006T152715_20211006T152832_E001  S_OFFL_SIR_SIN_2_20211006T161247_20211006T161418_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
SS_OFFL_SIR_SIN_2_20211006T152357_20211006T152802_E001  SS_OFFL_SIR_SIN_2_20211006T152715_20211006T152832_E001  SS_OFFL_SIR_SIN_2_20211006T16247_20211006T161418_E001  SS_OFFL_SIR_SIN_2_20211006T161247_20211006T161418_E001  SS_OFFL_SIR_SIN_2_20211006T161247_20211006T161418_E001  SS_OFFL_SIR_SIN_2_20211006T162209_20211006T162352_E001  SS_OFFL_SIR_SIN_2_20211006T162209_20211006T162352_E001  SS_OFFL_SIR_SIN_2_20211006T170208_20211006T162352_E001  SS_OFFL_SIR_SIN_2_20211006T170208_20211006T170600_E001  SS_OFFL_SIR_SIN_2_20211006T170614_20211006T170600_E001  SS_OFFL_SIR_SIN_2_20211006T170614_20211006T170705_E001  SS_OFFL_SIR_SIN_2_20211006T170614_20211006T170705_E001  SS_OFFL_SIR_SIN_2_20211006T170614_20211006T170705_E001  SS_OFFL_SIR_SIN_2_20211006T170604_20211006T170705_E001  SS_OFFL_SIR_SIN_2_20211006T17006T	S_OFFL_SIR_SIN_2_20211006T152715_20211006T152832_E001 S_OFFL_SIR_SIN_2_20211006T161247_20211006T161418_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	
Backscatter Error (Retracker 3, SARIN X track Angle Error (Retracker 3, SARIN X track	S_OFFL_SIR_SIN_220211006T161247_20211006T161418_E001	Backscatter Error (Retracker 3), SARIn X	
S_OFFL_SIR_SIN_2_20211006T161247_20211006T162352_E001  S_OFFL_SIR_SIN_2_20211006T162209_20211006T162352_E001  S_OFFL_SIR_SIN_2_20211006T170208_20211006T17000_E001  S_OFFL_SIR_SIN_2_20211006T170208_20211006T17000_E001  S_OFFL_SIR_SIN_2_20211006T170014_20211006T170745_E001  S_OFFL_SIR_SIN_2_20211006T17106_2011006T170745_E001  S_OFFL_SIR_SIN_2_20211006T17106_2011006T170745_E001  S_OFFL_SIR_SIN_2_20211006T17106_2011006T171302_E001  S_OFFL_SIR_SIN_2_20211006T17106_2011006T171304_E001  S_OFFL_SIR_SIN_2_20211006T17501_20211006T175345_E001  S_OFFL_SIR_SIN_2_20211006T17501_20211006T175345_E001  S_OFFL_SIR_SIN_2_20211006T17501_20211006T175345_E001  S_OFFL_SIR_SIN_2_20211006T17501_20211006T175345_E001  S_OFFL_SIR_SIN_2_20211006T17501_20211006T175345_E001  S_OFFL_SIR_SIN_2_20211006T17501_20211006T175345_E001  S_OFFL_SIR_SIN_2_20211006T17501_20211006T175345_E001  S_OFFL_SIR_SIN_2_20211006T17501_20211006T175345_E001  S_OFFL_SIR_SIN_2_20211006T17501_20211006T175345_E001  S_OFFL_SIR_SIN_2_20211006T180033_20211006T18048_E001  S_OFFL_SIR_SIN_2_20211006T180033_20211006T18048_E001  S_OFFL_SIR_SIN_2_20211006T181841_20211006T182443_E001  S_OFFL_SIR_SIN_2_20211006T181841_20211006T182443_E001  S_OFFL_SIR_SIN_2_20211006T184232_20211006T182443_E001  S_OFFL_SIR_SIN_2_20211006T184232_20211006T184200_E001  S_OFFL_SIR_SIN_2_20211006T184232_20211006T184200_E001  S_OFFL_SIR_SIN_2_20211006T184232_20211006T184200_E001  S_OFFL_SIR_SIN_2_20211006T184232_20211006T184200_E001  S_OFFL_SIR_SIN_2_20211006T184232_20211006T184200_E001  S_OFFL_SIR_SIN_2_20211006T184232_20211006T184200_E001  S_OFFL_SIR_SIN_2_20211006T184232_20211006T184200_E001  S_OFFL_SIR_SIN_2_20211006T184232_20211006T184400_E001  S_OFFL_SIR_SIN_2_20211006T184232_20211006T184400_E001  S_OFFL_SIR_SIN_2_20211006T184400_E001  S_OFFL_SIR_SIN_2_20211006T184400_E001  S_OFFL_SIR_SIN_2_20211006T184400_E001  S_OFFL_SIR_SIN_2_20211006T184400_E001  S_OFFL_SIR_SIN_2_20211006T184400_E001  S_OFFL_SIR_SIN_2_20211006T184400_E001  S_OFFL_SIR_SIN_2_20211006T184400_E001  S_OFFL_SIR_SIN_2_20211006T184400_E		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
Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X made detected for SARIn mode for one or more records was detected for SARIn mode for one or more records was detected for SARIn mode for one or more records was detected for SARIn mode for one or more records was detected for SARIn mode for one or more records records and saring and sarin	2 OEEL SID SIN 2 20211005T152200 20211025T152250 F001	Backscatter Error (Retracker 3), SARIn X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
Backscatter Error (Retracker 3), SARIN X track Angle Error  CS_OFFL_SIR_SIN_2_20211006T170614_20211006T17045_E001  CS_OFFL_SIR_SIN_2_20211006T170614_20211006T17045_E001  CS_OFFL_SIR_SIN_2_20211006T171306_20211006T171332_E001  Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model invariable  CS_OFFL_SIR_SIN_2_20211006T171306_20211006T171332_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  Backscatter Error (Retracker	2_OLLE_OID_OIN_ZZUZTTUU0TT0ZZU3_ZUZTTUU0TT0Z35Z_EUUT	Backscatter Error (Retracker 3), SARIn X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20211006T170614_20211006T170745_E001  CS_OFFL_SIR_SIN_2_20211006T171306_20211006T171332_E001  CS_OFFL_SIR_SIN_2_20211006T171306_20211006T171332_E001  CS_OFFL_SIR_SIN_2_20211006T172040_20211006T172345_E001  CS_OFFL_SIR_SIN_2_20211006T175201_20211006T175345_E001  CS_OFFL_SIR_SIN_2_20211006T175201_20211006T175345_E001  CS_OFFL_SIR_SIN_2_20211006T175201_20211006T175345_E001  CS_OFFL_SIR_SIN_2_20211006T175201_20211006T175345_E001  CS_OFFL_SIR_SIN_2_20211006T175201_20211006T175345_E001  CS_OFFL_SIR_SIN_2_20211006T175201_20211006T175345_E001  CS_OFFL_SIR_SIN_2_20211006T180033_20211006T180648_E001  CS_OFFL_SIR_SIN_2_20211006T180033_20211006T180648_E001  CS_OFFL_SIR_SIN_2_20211006T181841_20211006T182443_E001  CS_OFFL_SIR_SIN_2_20211006T1818442_20211006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T18184124_0011006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_0011006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_0011006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_0011006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_0011006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_0011006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_0011006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_0011006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184643_E001  CS_OFFL_SIR_SIN_2_20211006T186443_E001  CS_OFFL_SIR_SIN_2_20211006T186443_E001  CS_OFFL_SIR_SIN_2_20211006T186443_E001  CS_OFFL_SIR_SIN_2_20211006T186443_E001  CS_OFFL_SIR_SIN_2_20211006T186443_E001  CS_OFFL_SIR_SIN_2_20211006T	S_OFFL_SIR_SIN_2_20211006T170208_20211006T170600_E001	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
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error  CS_OFFL_SIR_SIN_2_20211006T175201_20211006T175345_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error  SARIN X-track Angle Error	S_OFFL_SIR_SIN_2_20211006T170614_20211006T170745_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error  CS_OFFL_SIR_SIN_2_20211006T175910_20211006T175916_E001  SARIn X-track Angle Error  SARIn X-track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  DBACKSCATTER ERROR (Retracker 3), SARIn X track Angle Error  DBACKSCATTER ERROR (Retracker 3), SARIn X track Angle Error  DBACKSCATTER ERROR (Retracker 3), SARIn X track Angle Error  DBACKSCATTER ERROR (Retracker 3), SARIn X track Angle Error, Surface model  DBACKSCATTER ERROR (Retracker 3), SARIn X track Angle Error, Surface model  DBACKSCATTER ERROR (Retracker 3), SARIn X track Angle Error, Surface model  DBACKSCATTER ERROR (Retracker 3), SARIn X track Angle Error, Surface model  DBACKSCATTER ERROR (Retracker 3), SARIn X track Angle Error, Surface model  DBACKSCATTER ERROR (Retracker 3), SARIn X track Angle Error  DBACKSCATTER ERROR (Retracker 3), SARIn X track Angle Error, Surface model  DBACKSCATTER ERROR (Retracker 3), SARIn X track Angle Error  DBACKSCATTER ERROR (Retracker 3), SARIn X track Angle Error  DBACKSCATTER ERROR (Retracker 3), SARIn X track Angle Error (Retrac	S_OFFL_SIR_SIN_2_20211006T171306_20211006T171332_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3), SARIn X track Angle Error  CS_OFFL_SIR_SIN_2_20211006T175201_20211006T175916_E001  SARIn X-track Angle Error  SARIn X-track Angle Error  SARIn X-track Angle Error  SARIn X-track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  SARIn X-track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error (Retracker 3), SARIn X track Angle Error, Surface model  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Backscatter Error (Retracker	S_OFFL_SIR_SIN_2_20211006T172040_20211006T172434_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20211006T180033_20211006T180648_E001  CS_OFFL_SIR_SIN_2_20211006T180033_20211006T180648_E001  CS_OFFL_SIR_SIN_2_20211006T181841_20211006T182443_E001  CS_OFFL_SIR_SIN_2_20211006T181841_20211006T182443_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T182443_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184200_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184200_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184200_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184200_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184200_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184200_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184200_E001  CS_OFFL_SIR_SIN_2_20211006T184232_20211006T184636_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184200_E001  CS_OFFL_SIR_SIN_2_20211006T184200_E001  CS_OFFL_SIR_SIN_2_20211006T184200_E001	S_OFFL_SIR_SIN_2_20211006T175201_20211006T175345_E001	Backscatter Error (Retracker 3), SARIn X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model was detected for SARIn mode, and no DEM or Slope Model was use the location for one or more records  CS_OFFL_SIR_SIN_2_20211006T181841_20211006T182443_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184200_E001  CS_OFFL_SIR_SIN_2_20211006T184124_20211006T184200_E001  CS_OFFL_SIR_SIN_2_20211006T184232_20211006T184636_E001  Backscatter Error (Retracker 3), SARIn X track Angle Error (Retracker 3), SARIn X track Angle Error, Surface model was used to cation for one or more records  There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used to be location for one or more records  There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used to be location for one or more records  There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used to be location for one or more records  SARIN X-track Angle Error, Surface model was detected for SARIn mode, and no DEM or Slope Model was used to be location for one or more records  SARIN X-track Angle Error, Surface model was detected for SARIn mode, and no DEM or Slope Model was used to be location for one or more records  An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used to be location for one or more records.  An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used to be location for one or more records.  An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used to be location for one or more records.	S_OFFL_SIR_SIN_220211006T175910_20211006T175916_E001		
SARIN X-track Angle Error  SARIN X-track Angle Error  DECKNOFFL_SIR_SIN_2_20211006T181841_20211006T182443_E001  SARIN X-track Angle Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model track Error (Retracker 2), SABIN X-track Angle Error, Surface model tr	S_OFFL_SIR_SIN_2_20211006T180033_20211006T180648_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Retracker 3), SARIn X track Angle Error, Surface model  Sackscatter Error (Re	S_OFFL_SIR_SIN_220211006T181841_20211006T182443_E001	SARIn X-track Angle Error	
CS_OFFL_SIR_SIN_2_20211006T184232_20211006T184636_E001  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable  SARIN X-track Angle Error Surface  An ambiguous angle was detected for SARIn mode and no DEM or Sign mode and no DEM or Sign mode and no DEM or SARIN X-track Angle Error Surface	S_OFFL_SIR_SIN_220211006T184124_20211006T184200_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
SARIn X-track Angle Error, Surface. An ambiguous angle was detected for SARin mode and no DEM or S	S_OFFL_SIR_SIN_2_20211006T184232_20211006T184636_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211006T190432_20211006T190613_E001 SARIII A-track Arrigle Error, Surface model unavailable Model was used for one or more records	S_OFFL_SIR_SIN_2_20211006T190432_20211006T190613_E001	SARIn X-track Angle Error, Surface	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
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 was detected for SARIn mode for one or more records	S_OFFL_SIR_SIN_2_20211006T193119_20211006T193326_E001	Backscatter Error (Retracker 3), SARIn X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20211006T193809_20211006T193815_E001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or more records	S_OFFL_SIR_SIN_2_20211006T193809_20211006T193815_E001	SARIn X-track Angle Error	
backscatter Error (netracker 3), SARIII X   was detected for SARIn mode for one or more records track Anole Error	S_OFFL_SIR_SIN_2_20211006T193953_20211006T194314_E001	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
	S_OFFL_SIR_SIN_2_20211006T202109_20211006T202459_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
Backscatter Error (Betracker 2)	S_OFFL_SIR_SIN_2_20211006T203020_20211006T203037_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20211006T204020_20211006T204145_E001  SARIn X-track Angle Error, Surface model unavailable  An ambiguous angle was detected for SARIn mode and no DEM or S Model was used for one or more records	S_OFFL_SIR_SIN_2_20211006T204020_20211006T204145_E001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20211006T204215_20211006T204417_E001  SARIn X-track Angle Error, Surface model unavailable  An ambiguous angle was detected for SARIn mode and no DEM or S Model was used for one or more records	S_OFFL_SIR_SIN_220211006T204215_20211006T204417_E001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
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 was detected for SARIn mode for one or more records	S_OFFL_SIR_SIN_220211006T211051_20211006T211311_E001	Backscatter Error (Retracker 3), SARIn X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20211006T211710_20211006T211714_E001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or more records	S_OFFL_SIR_SIN_2_20211006T211710_20211006T211714_E001	SARIn X-track Angle Error	
backscatter Error (netracker 3), SARIII x   was detected for SARIn mode for one or more records	S_OFFL_SIR_SIN_2_20211006T212055_20211006T212210_E001	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_20211006T215528_20211006T220152_E001  CS_OFFL_SIR_SIN_2_20211006T215528_20211006T220152_E001  CS_OFFL_SIR_SIN_2_20211006T215528_20211006T220152_E001  There is a backscatter error for Retracker 2 and 3, an ambiguous angwas detected for SARIn mode, and no DEM or Slope Model was used track Angle Error, Surface model		Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
Backstatter Error (Retracker 2).  Backstatter Error (Retracker 3) SABIN V  There is a backscatter error for Retracker 2 and 3, an ambiguous ang	S_OFFL_SIR_SIN_2_20211006T215528_20211006T220152_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for
Backscatter Error (Retracker 2)			
CS_OFFL_SIR_SIN_2_20211006T225625_20211006T225629_E001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or more records	S_OFFL_SIR_SIN_220211006T221050_20211006T221113_E001	Backscatter Error (Retracker 3), SARIn X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20211006T230001_20211006T230120_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 was detected for SARIn mode for one or more records	S_OFFL_SIR_SIN_2_20211006T221050_20211006T221113_E001 S_OFFL_SIR_SIN_2_20211006T225017_20211006T225141_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error	was detected for SARIn mode for one or more records  An ambiguous angle was detected for SARIn mode for one or more

CS_OFFL_SIR_SIN_2_20211006T233751_20211006T233915_E001	track Angle Error Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20211006T234047_20211006T234121_E001	Backsoatter Error (Betracker 2)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20211006T235833_20211006T235857_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records