

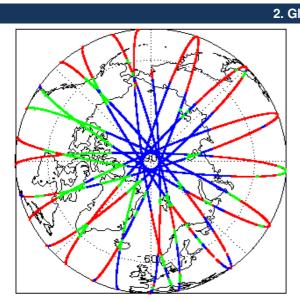
# **QA4EO Daily Report for OFFLINE data:**

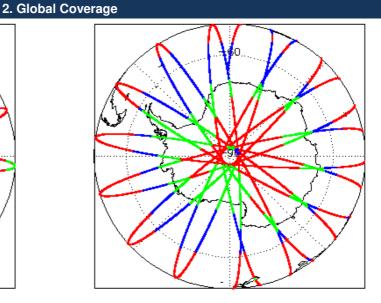
<u>07/11/2021</u>

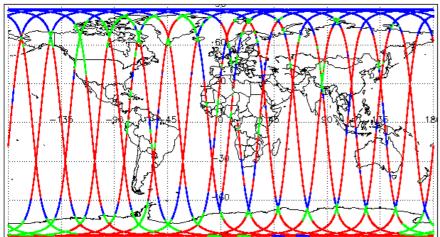
# 1. Overview

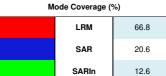
Report Production Date:	08-Dec-2021	Check	Status
Report Production Date:	08-Dec-2021	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
Processor used.	CryoSal ice Processor	Product Software Check	Nominal
Data Used:		Product Format Check	Nominal
Data Osed.	L1B and L2 OFFLINE Data	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

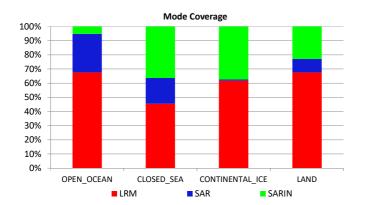
Mission / Instru	iment News
06-Nov-2021	None
07-Nov-2021	None
08-Nov-2021	Nothing planned
08-Nov-2021	Nothing planned

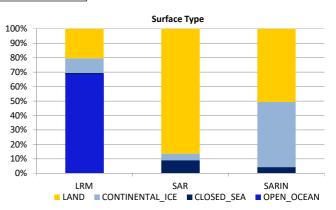












## 3. Instrument Configuration

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

SIRAL - A

SIRAL instrument(s) in use:

4. Level 1B Data Quality Check

#### 4.1 L1B Product Format Check

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

Number of products with errors:

#### 4.2 L1B Product Header Analysis

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

#### 4.3 Star Tracker Usage Check

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

Number of products with errors:

# 4.4 L1B Tracking Flags Check

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

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

127

#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20211106T234837_20211107T000023_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T001739_20211107T001742_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T001752_20211107T001908_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T001911_20211107T001927_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T001938_20211107T002005_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T002128_20211107T002630_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T005316_20211107T005643_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T010354_20211107T010839_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T010849_20211107T013801_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T013803_20211107T013808_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T013811_20211107T013812_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T013816_20211107T013821_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T013824_20211107T013830_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T013835_20211107T013849_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T013853_20211107T013858_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T013901_20211107T013915_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T013919_20211107T014009_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T023357_20211107T023550_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T024928_20211107T025516_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T025800_20211107T025914_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T025918_20211107T030011_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T030428_20211107T031109_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T031323_20211107T031521_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T031525_20211107T031607_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T031609_20211107T031616_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T031621_20211107T031757_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T031800_20211107T031804_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T031806_20211107T031808_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T031811_20211107T031907_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T031910_20211107T031912_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T034742_20211107T034856_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T035110_20211107T035409_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T035516_20211107T040626_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T041243_20211107T041506_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T042931_20211107T043640_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T043820_20211107T043952_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T043954_20211107T045319_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T045322_20211107T045331_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T045334_20211107T045346_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T045419_20211107T045425_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T045427_20211107T045435_E001	Loss of echo	The tracking echo is missing for one or more records

CS OFFL SIR LRM 1B 20211107T045438 20211107T045955 E001 CS OFFL SIR LRM 1B 20211107T051153 20211107T051351 E001 CS OFFL SIR LRM 1B 20211107T051513 20211107T051827 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T052346\_20211107T052835\_E001 CS OFFL SIR LRM 1B 20211107T062445 20211107T062507 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T062859\_20211107T062954\_E001 CS OFFL SIR LRM 1B 20211107T063120 20211107T063121 E001 CS OFFL SIR LRM 1B 20211107T063124 20211107T063141 E001 CS\_OFEL\_SIB\_LBM\_1B\_20211107T063148\_20211107T063218\_E001 CS OFFL SIR LRM 1B 20211107T063221 20211107T063223 E001 CS OFFL SIB LBM 1B 20211107T063225 20211107T063440 E001 CS OFFL SIR LRM 1B 20211107T065001 20211107T065102 E001 CS OFFL SIR LRM 1B 20211107T065224 20211107T072601 E001 CS OFFL SIR LRM 1B 20211107T074207 20211107T080556 E001 CS OFFL SIB LBM 1B 20211107T080558 20211107T080733 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T080735\_20211107T080750\_E001 CS OFFL SIR LRM 1B 20211107T080752 20211107T080800 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T080802\_20211107T080944\_E001 CS OFFL SIR LRM 1B 20211107T081050 20211107T081355 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T081356\_20211107T081606\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T083612\_20211107T083659\_E001 CS\_OFFL\_SIR\_LBM\_1B\_20211107T092116\_20211107T094015\_E001 CS OFFL SIR LRM 1B 20211107T094040 20211107T094620 E001 CS OFFL SIR LRM 1B 20211107T094719 20211107T094829 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T095017\_20211107T095112\_E001 CS OFFL SIR LRM 1B 20211107T095534 20211107T095625 E001 CS OFFL SIR LRM 1B 20211107T095645 20211107T095833 E001 CS OFFL SIR LRM 1B 20211107T110847 20211107T111501 E001 CS OFFL SIR LRM 1B 20211107T111530 20211107T111624 E001 CS OFFL SIR LRM 1B 20211107T113023 20211107T113024 E001 CS OFFL SIR LRM 1B 20211107T113025 20211107T113042 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T113343\_20211107T113750\_E001 CS OFFL SIR LRM 1B 20211107T120151 20211107T122308 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T125210\_20211107T125924\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T130007\_20211107T130444\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T132644\_20211107T132654\_E001 CS OFFL SIR LRM 1B 20211107T132657 20211107T132703 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T132706\_20211107T132720\_E001 CS\_OFEL\_SIB\_LBM\_1B\_20211107T132722\_20211107T132806\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T132808\_20211107T140200\_E001 CS\_OFFL\_SIR\_LBM\_1B\_20211107T150506\_20211107T150548\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T150552\_20211107T150556\_E001 CS OFFL SIR LRM 1B 20211107T150604 20211107T150617 E001 CS OFFL SIR LRM 1B 20211107T150621 20211107T150703 E001 CS\_OFFL\_SIB\_LBM\_1B\_20211107T150705\_20211107T150722\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T150727\_20211107T150730\_E001 CS OFFL SIR LRM 1B 20211107T150733 20211107T150954 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T150956\_20211107T151015\_E001 CS OFFL SIR LRM 1B 20211107T151019 20211107T151023 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T151025\_20211107T151140\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T151201\_20211107T152424\_E001 CS\_OFFL\_SIR\_LBM\_1B\_20211107T152629\_20211107T154114\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T155820\_20211107T160840\_E001 CS OFFL SIR LRM 1B 20211107T160946 20211107T161210 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T161459\_20211107T163104\_E001 CS OFFL SIR LRM 1B 20211107T164353 20211107T164903 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T164905\_20211107T165233\_E001 CS OFFL SIR LRM 1B 20211107T165235 20211107T165741 E001 CS OFFL SIR LRM 1B 20211107T173613 20211107T175646 E001 CS OFFL SIR LRM 1B 20211107T175648 20211107T181137 E001 CS OFFL SIR LRM 1B 20211107T182238 20211107T182802 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T182805\_20211107T182950\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T182954\_20211107T183026\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211107T183136\_20211107T183224\_E001

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

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

CS_OFFL_SIR_LRM_1B_20211107T183628_20211107T185758_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T190753_20211107T191121_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T191445_20211107T194016_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T194018_20211107T194024_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T194028_20211107T194216_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T194224_20211107T194248_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T194250_20211107T194257_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T200402_20211107T200413_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T200509_20211107T201238_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T201240_20211107T203812_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T204652_20211107T205020_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T214403_20211107T214702_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T214736_20211107T214820_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T215020_20211107T215117_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T215134_20211107T215355_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T215357_20211107T220038_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T220412_20211107T221000_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T232557_20211107T232637_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T232700_20211107T232713_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T232725_20211107T232730_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T233140_20211107T233322_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211107T233505_20211107T233831_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:
0

#### 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: 0

## 5. Level 2 Data Quality Check

#### 5.1 L2 Product Format Check

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

#### 5.2 L2 Product Header Analysis

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

Number of products with errors:

## 5.3 L2 Auxiliary Data File Usage Check

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

#### Number of products with errors:

#### 5.4 L2 Auxiliary Correction Error Check

CryoSat L2 data includes a correction error flag (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: 259

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220211106T234837_20211107T000023_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_220211107T000942_20211107T001412_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_220211107T002128_20211107T002630_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_220211107T003001_20211107T003446_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_220211107T003634_20211107T004616_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_220211107T010354_20211107T010839_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_220211107T010849_20211107T013801_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_220211107T015303_20211107T020004_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_220211107T020027_20211107T022423_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_220211107T024928_20211107T025516_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_220211107T025800_20211107T025914_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_220211107T025918_20211107T030011_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_220211107T030428_20211107T031109_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_220211107T031910_20211107T031912_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211107T033925_20211107T034702_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_220211107T034742_20211107T034856_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_220211107T035516_20211107T040626_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_220211107T042252_20211107T042848_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_220211107T042931_20211107T043640_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_220211107T043820_20211107T043952_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_220211107T043954_20211107T045319_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_220211107T051153_20211107T051351_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_220211107T051513_20211107T051827_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_220211107T051958_20211107T052224_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_220211107T052346_20211107T052835_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_220211107T053116_20211107T054628_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_220211107T060241_20211107T062358_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_220211107T065224_20211107T072601_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_220211107T074207_20211107T080556_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_220211107T081801_20211107T081923_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_220211107T083612_20211107T083659_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_220211107T083824_20211107T090348_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_220211107T092116_20211107T094015_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_220211107T094040_20211107T094620_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_220211107T094719_20211107T094829_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_220211107T095645_20211107T095833_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_220211107T101013_20211107T104320_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_220211107T113343_20211107T113750_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_220211107T114710_20211107T114732_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_220211107T114749_20211107T114757_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_220211107T114801_20211107T115905_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_220211107T120151_20211107T122308_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_220211107T124054_20211107T125023_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_220211107T125210_20211107T125924_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_220211107T130007_20211107T130444_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_220211107T132808_20211107T140200_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_220211107T142103_20211107T145110_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_220211107T150733_20211107T150954_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_220211107T151201_20211107T152424_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_220211107T152629_20211107T154114_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_220211107T155820_20211107T160840_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_220211107T161459_20211107T163104_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_220211107T170206_20211107T170433_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_220211107T170628_20211107T171948_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_220211107T173613_20211107T175646_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_220211107T175648_20211107T181137_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_220211107T182805_20211107T182950_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211107T183628_20211107T185758_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_220211107T191445_20211107T194016_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_220211107T194028_20211107T194216_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_220211107T201240_20211107T203812_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_220211107T205450_20211107T212801_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_220211107T215357_20211107T220038_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_220211107T223457_20211107T230723_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_220211107T230749_20211107T230857_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_220211107T230938_20211107T231022_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_220211107T231927_20211107T232123_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_220211107T232557_20211107T232637_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_220211107T233140_20211107T233322_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_220211107T233950_20211107T235540_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_SAR_2_20211107T000026_20211107T000733_E001	Backscatter Error (Retracker 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_20211107T000733_20211107T000912_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T001412_20211107T001738_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T002006_20211107T002128_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T003447_20211107T003634_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T004616_20211107T005041_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T010017_20211107T010354_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T014010_20211107T014133_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T014144_20211107T014631_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T014631_20211107T014756_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T014822_20211107T014928_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T014957_20211107T015216_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T020004_20211107T020027_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T022423_20211107T023122_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T024215_20211107T024320_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T024834_20211107T024928_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T025516_20211107T025800_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T030012_20211107T030428_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T031110_20211107T031147_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T031959_20211107T032514_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T032514_20211107T032628_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T033914_20211107T033925_E001	Backscatter Error (Retracker 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_20211107T034702_20211107T034742_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T040627_20211107T040654_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T042138_20211107T042252_E001	Backscatter Error (Retracker 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_20211107T042848_20211107T042931_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T043641_20211107T043820_E001	Backscatter Error (Retracker 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_20211107T045955_20211107T050055_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T050155_20211107T050243_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T050243_20211107T050559_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T050811_20211107T050924_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T051827_20211107T051958_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T054628_20211107T054848_E001	Backscatter Error (Retracker 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_20211107T060117_20211107T060241_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T062358_20211107T062445_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T063814_20211107T064513_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T072602_20211107T072824_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T073927_20211107T074207_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T081606_20211107T081704_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T081924_20211107T081957_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T082014_20211107T082541_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T083659_20211107T083824_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T090348_20211107T090759_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T091911_20211107T092115_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T094621_20211107T094719_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T094830_20211107T095017_E001	Backscatter Error (Retracker 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_20211107T095846_20211107T095857_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T095924_20211107T100717_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T104321_20211107T104748_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T105727_20211107T110257_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T110526_20211107T110847_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T112832_20211107T112838_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T113043_20211107T113217_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T113751_20211107T114644_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_220211107T114732_20211107T114749_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T115905_20211107T120151_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T122308_20211107T122529_E001	Backscatter Error (Retracker 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_20211107T123643_20211107T124054_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T125023_20211107T125210_E001	Backscatter Error (Retracker 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_20211107T130445_20211107T131156_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T131157_20211107T131304_E001	Backscatter Error (Retracker 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_20211107T131354_20211107T131411_E001	Backscatter Error (Retracker 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_20211107T131439_20211107T131451_E001	Backscatter Error (Retracker 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_20211107T131855_20211107T131935_E001	Backscatter Error (Retracker 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_20211107T131935_20211107T132641_E001	Backscatter Error (Retracker 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_20211107T140200_20211107T140312_E001	Backscatter Error (Retracker 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_20211107T141451_20211107T142102_E001	Backscatter Error (Retracker 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_20211107T145751_20211107T150333_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T150350_20211107T150409_E001	Backscatter Error (Retracker 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_20211107T150419_20211107T150506_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T152425_20211107T152628_E001	Backscatter Error (Retracker 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_20211107T154115_20211107T154217_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T155323_20211107T155820_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T163402_20211107T163453_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T163707_20211107T163951_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T163951_20211107T164353_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T165741_20211107T170206_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T170434_20211107T170628_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T171948_20211107T172117_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T173439_20211107T173613_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T181531_20211107T182049_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T182123_20211107T182238_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T185759_20211107T185804_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T185836_20211107T190129_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T191305_20211107T191445_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211107T195342_20211107T200345_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_DFL_SN_SN_Z_D21107123108_2011107123108_001         Backscalar Error (Herson 2), Backscalar Error	CS_OFFL_SIR_SAR_2_20211107T231023_20211107T231706_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Column Science         Column	CS_OFFL_SIR_SAR_2_20211107T231706_20211107T231830_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_2021107123259_00211107123259_2001         Backscatter Error (Perceker 2) Backscatter Error (Perceker 2) B	CS_OFFL_SIR_SAR_2_20211107T231855_20211107T231901_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Col, DFL_SIR_SIR_2_202111071025541_202111071025544_E001         Backscatter Error (Retrackor 3)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SIR_SIR_2_20211107100512_202111071000542_E001         Backscatter Error (Retrackor 3)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SIR_SIR_2_202111071000512_202111071000542_E001         Backscatter Error (Retrackor 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SIR_SIR_2_202111071002512_202111071000501_E001         Backscatter Error (Retrackor 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SIR_SIR_2_202111071002501_E001         Backscatter Error (Retrackor 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SIR_SIR_2_202111071005042_202111071005042_E001         Backscatter Error (Retrackor 2)         There is a backscatter error for Retracker 2 and 3 and an archiguous angle was detected for SARIn mode for one or more records           CS_OFFL_SIR_SIN_2_20211107101640_202111071010840_E001         SARIN Xtrack Angle Error, Suftace         An archiguous-angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records           CS_OFFL_SIR_SIN_2_20211107101442_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_202111071014452_E001         Backscatter Error (Retracker 2)         There is a	CS_OFFL_SIR_SAR_2_20211107T232234_20211107T232557_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Corp. Corp. Serv. 2, oc. FI10/12304 _ 20211107T00342_E001         Backetaber Error (Retracker 3)         There is a backetaber error for Retracker 2 and 3 an ambiguous angle track Angle Error. Suffax and P3.           CS_OFFL_SIR_SIN_2_20211107T00342_E001         Backetaber Error (Retracker 2). SARIN V track Angle Error. Suffax and P3.         There is a backetaber error for Retracker 2 and 3 an ambiguous angle track Angle Error. Suffax and P3.           CS_OFFL_SIR_SIN_2_20211107T003042_E0211107T00301_E001         Backetaber Error (Retracker 2). SARIN V track Angle Error. Suffax and P3.         There is a backetaber error for Retracker 2 and 3 and an ambiguous angle track Angle Error. (Retracker 2). SARIN V track Angle Error. (Retracker 3). SARIN V track Angle Error. Sufface And V tracker Angle Error. Sufface And V tracker Angle Error. (Retracker 3). SARIN V track Angle Error. (Retracker 3). SARIN V track Angle Error. Sufface And V tracker Angle Error. (Retracker 3). SARIN V track Angle Error. (Retracker 3). SARIN V tr	CS_OFFL_SIR_SAR_2_20211107T232806_20211107T233139_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20211107T000912_20211107T000942_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2)	CS_OFFL_SIR_SAR_2_20211107T235541_20211107T235944_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_202111071002631_202111071002631_202111071002631_202111071002631_202111071002631_202111071002642_202111071005315_E001       Backscatter Error (Retracker 3), Backscatter Error	CS_OFFL_SIR_SIN_2_20211107T000912_20211107T000942_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
CS_OFFL_SIR_SIN_2_20211107T005042_20211107T0100315_E001       Backscatter Error (Retracker 3), SARIn X indicated and SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T010644_20211107T010017_E001       Backscatter Error (Retracker 3), SARIn X indicated and SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T010640_20211107T010017_E001       SARIn X-track Angle Error, Surface model unavailable       An ambiguous angle was detected for SARIn mode or one or more records         CS_OFFL_SIR_SIN_2_20211107T014134_20211107T014434_20211107T014434_20211107T014434_20211107T014434_20211107T014434_20211107T014434_20211107T014432_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X, indicater Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Ba	CS_OFFL_SIR_SIN_2_20211107T002631_20211107T003001_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20211107T005644_20211107T010017_E001       Backscatter Error (Retracker 3), SARIN X       Inter is a backscatter error for Retracker 2 and 3 and an antiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T014840_20211107T014143_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       An ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T014134_20211107T014143_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211107T014926_20211107T014822_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211107T014928_20211107T014928_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211107T015216_20211107T01503_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for one or more records         CS_OFFL_SIR_SIN_2_20211107T015216_20211107T023357_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X         CS_OFFL_SIR_SIN_2_20211107T023551_20211107T023837_E001       SARIN X track Angle Error (Retracker 3), SARIN X         CS_OFFL_SIR_SIN_2_202	CS_OFFL_SIR_SIN_220211107T005042_20211107T005315_E001	Backscatter Error (Retracker 3), SARIn X	
OS_OFFL_SIR_SIN_2_20211107T014134_20211107T014134_E001         model unavailable         Model was used for one or more records           CS_OFFL_SIR_SIN_2_20211107T014134_20211107T014134_E001         Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X         There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records           CS_OFFL_SIR_SIN_2_20211107T023057_20211107T023037_E001         SARIN X-track Angle Error         An ambiguous angle was detected for SARIn mode for one or more records           CS_OFFL_SIR_SIN_2_20211107T03147_20211107T031323_E001         Backscatter Error (Retracker 3), SARIN X Backscatter Error (Retracker 3), SARIN X         There is a backscatter error for Retracker 2 and 3 for one or more r	CS_OFFL_SIR_SIN_2_20211107T005644_20211107T010017_E001	Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_2021110/1014134_2021110/1014143_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211107T014928_20211107T014926_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211107T014928_20211107T014956_E001       Backscatter Error (Retracker 3), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211107T015216_20211107T015303_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X       There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T033123_E001       Backscatter Error (Retracker 3), SARIn X       There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SIN_220211107T010840_20211107T010849_E001		
CS_OFFL_SIR_SIN_2_20211107T014928_20211107T014926_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211107T015216_20211107T015303_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X       There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T024027_20211107T024214_E001       SARIn X-track Angle Error       An ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T03147_20211107T031323_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2	CS_OFFL_SIR_SIN_2_20211107T014134_20211107T014143_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_202111071014926_202111071014936_E001       Backscatter Error (Retracker 3)       Intere is a backscatter error for Retracker 2 and 3 ion one or more records         CS_OFFL_SIR_SIN_2_20211107T015216_20211107T015303_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X         CS_OFFL_SIR_SIN_2_20211107T023551_20211107T023837_E001       SARIn X-track Angle Error       An ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T024027_20211107T024214_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X       There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T024027_20211107T024214_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X       There is a backscatter error for Retracker 2 and 3 on one or more records         CS_OFFL_SIR_SIN_2_20211107T031147_20211107T031323_E001       Backscatter Error (Retracker 3), SARIn X       There is a backscatter error for Retracker 2 and 3 on one or more records         CS_OFFL_SIR_SIN_2_20211107T032628_20211107T033317_E001       Backscatter Error (Retracker 2), Backscatt	CS_OFFL_SIR_SIN_2_20211107T014756_20211107T014822_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20211107T015216_20211107T015303_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, and no DEM or Slope Model was used for the location for one or more records         CS_OFFL_SIR_SIN_2_20211107T023123_20211107T023357_E001       Backscatter Error (Retracker 2), 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_20211107T023551_20211107T023837_E001       SARIn X-track Angle Error       An ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T024027_20211107T024214_E001       Backscatter Error (Retracker 2), 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_20211107T03147_20211107T03123_E001       Backscatter Error (Retracker 2), 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_20211107T03147_20211107T03123_E001       Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211107T032628_20211107T032750_E001       Backscatter Error (Retracker 2), 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_20211107T033207_20211107T033317_E001       Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS	CS_OFFL_SIR_SIN_2_20211107T014928_20211107T014956_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20211107T023123_20211107T023357_E001       Backscatter Error (Retracker 3), SARIn X       Intere is a backscatter error for Netracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T023551_20211107T023837_E001       SARIn X-track Angle Error       An ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T024027_20211107T024214_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X       There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T024027_20211107T024214_E001       Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211107T031147_20211107T031323_E001       Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211107T032628_20211107T032750_E001       Backscatter Error (Retracker 2), 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_20211107T033207_20211107T03317_E001       Backscatter Error (Retracker 2), 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_20211107T033207_20211107T033317_E001       Backscatter Error (Retracker 2), 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_220211107T015216_20211107T015303_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
CS_OFFL_SIR_SIN_2_20211107T024027_20211107T024214_E001       SARIN X-track Angle Error       records         CS_OFFL_SIR_SIN_2_20211107T024027_20211107T024214_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_20211107T031147_20211107T031323_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211107T032628_20211107T032750_E001       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 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T032628_20211107T032750_E001       Backscatter Error (Retracker 2), 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_20211107T033207_20211107T033317_E001       Backscatter Error (Retracker 2), 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_20211107T023123_20211107T023357_E001	Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20211107T024027_20211107T024214_E001       Backscatter Error (Retracker 3), SARIn X track Angle Error       Intere is a backscatter error for Netracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T031147_20211107T031323_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211107T032628_20211107T032750_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X       There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T033207_20211107T033317_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	CS_OFFL_SIR_SIN_220211107T023551_20211107T023837_E001	SARIn X-track Angle Error	
CS_OFFL_SIR_SIN_2_20211107T032628_20211107T032750_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X, track Angle Error       There is a backscatter error for Retracker 2 and 3 not one or more records         CS_OFFL_SIR_SIN_2_20211107T032628_20211107T033207_20211107T033317_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	CS_OFFL_SIR_SIN_220211107T024027_20211107T024214_E001	Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20211107T032628_20211107T032750_E001       Backscatter Error (Retracker 3), SARIn X track Angle Error       Intere is a backscatter error for Netracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211107T033207_20211107T033317_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X was detected for SARIn mode for one or more records	CS_OFFL_SIR_SIN_2_20211107T031147_20211107T031323_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20211107T033207_20211107T033317_E001 Backscatter Error (Retracker 3), SARIn X Interes is a backscatter error or hetracker 2 and a namoguous angle	CS_OFFL_SIR_SIN_220211107T032628_20211107T032750_E001	Backscatter Error (Retracker 3), SARIn X	
	CS_OFFL_SIR_SIN_220211107T033207_20211107T033317_E001	Backscatter Error (Retracker 3), SARIn X	

CS_OFFL_SIR_SIN_220211107T040654_20211107T041242_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_220211107T041507_20211107T041536_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211107T041959_20211107T042138_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_20211107T050055_20211107T050155_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211107T050600_20211107T050810_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_220211107T050924_20211107T051153_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211107T051351_20211107T051513_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_220211107T052224_20211107T052346_E001	Backscatter Error (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_220211107T052835_20211107T053116_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211107T054848_20211107T055029_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_20211107T055911_20211107T060116_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_220211107T062548_20211107T062859_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_220211107T062954_20211107T063120_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_220211107T064514_20211107T065001_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211107T072825_20211107T072949_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_220211107T073136_20211107T073236_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211107T073707_20211107T073927_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_220211107T081723_20211107T081801_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211107T081958_20211107T082014_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211107T082542_20211107T083612_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20211107T090800_20211107T091153_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_220211107T091745_20211107T091911_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_220211107T095626_20211107T095645_E001	Backscatter Error (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_220211107T095834_20211107T095846_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211107T095858_20211107T095924_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211107T100718_20211107T100819_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211107T100859_20211107T101012_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_220211107T104748_20211107T105101_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_220211107T105617_20211107T105727_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_220211107T112838_20211107T113023_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211107T113218_20211107T113343_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211107T114707_20211107T114710_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20211107T114757_20211107T114801_E001	Backscatter Error (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_220211107T122530_20211107T122943_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_20211107T123518_20211107T123643_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_220211107T131304_20211107T131353_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211107T131452_20211107T131854_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_20211107T140312_20211107T140444_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_220211107T141306_20211107T141450_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_220211107T145111_20211107T145250_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_220211107T145657_20211107T145751_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_220211107T150333_20211107T150349_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211107T150410_20211107T150418_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20211107T154218_20211107T154400_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
00_0112_011_0114_2_202111071104210_202111071104400_2001	track Angle Error	was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211107T154933_20211107T154940_E001	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 records
	track Angle Error SARIn X-track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211107T154933_20211107T154940_E001	track Angle Error SARIn X-track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	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
CS_OFFL_SIR_SIN_220211107T154933_20211107T154940_E001 CS_OFFL_SIR_SIN_220211107T155104_20211107T155322_E001	track Angle Error 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, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable	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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for
CS_OFFL_SIR_SIN_220211107T154933_20211107T154940_E001 CS_OFFL_SIR_SIN_2_20211107T155104_20211107T155322_E001 CS_OFFL_SIR_SIN_2_20211107T163104_20211107T163401_E001	track Angle Error 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, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model	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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220211107T154933_20211107T154940_E001 CS_OFFL_SIR_SIN_220211107T155104_20211107T155322_E001 CS_OFFL_SIR_SIN_220211107T163104_20211107T163401_E001 CS_OFFL_SIR_SIN_220211107T163454_20211107T163706_E001	track Angle Error 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, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CS_OFFL_SIR_SIN_2_20211107T154933_20211107T154940_E001 CS_OFFL_SIR_SIN_2_20211107T155104_20211107T155322_E001 CS_OFFL_SIR_SIN_2_20211107T163104_20211107T163401_E001 CS_OFFL_SIR_SIN_2_20211107T163454_20211107T163706_E001 CS_OFFL_SIR_SIN_2_20211107T172118_20211107T172313_E001	track Angle Error 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, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20211107T154933_20211107T154940_E001 CS_OFFL_SIR_SIN_2_20211107T155104_20211107T155322_E001 CS_OFFL_SIR_SIN_2_20211107T163104_20211107T163401_E001 CS_OFFL_SIR_SIN_2_20211107T163454_20211107T163706_E001 CS_OFFL_SIR_SIN_2_20211107T172118_20211107T172313_E001 CS_OFFL_SIR_SIN_2_20211107T172832_20211107T172838_E001	track Angle Error 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, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error SARIn X-track Angle Error SARIn X-track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20211107T154933_20211107T154940_E001 CS_OFFL_SIR_SIN_2_20211107T155104_20211107T155322_E001 CS_OFFL_SIR_SIN_2_20211107T163104_20211107T163401_E001 CS_OFFL_SIR_SIN_2_20211107T163454_20211107T163706_E001 CS_OFFL_SIR_SIN_2_20211107T172118_20211107T172313_E001 CS_OFFL_SIR_SIN_2_20211107T172832_20211107T172838_E001 CS_OFFL_SIR_SIN_2_20211107T173001_20211107T173438_E001	track Angle Error         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, Surface model unavailable         Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), 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 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         Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error	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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20211107T154933_20211107T154940_E001         CS_OFFL_SIR_SIN_2_20211107T155104_20211107T155322_E001         CS_OFFL_SIR_SIN_2_20211107T163104_20211107T163401_E001         CS_OFFL_SIR_SIN_2_20211107T163454_20211107T163706_E001         CS_OFFL_SIR_SIN_2_20211107T172118_20211107T172313_E001         CS_OFFL_SIR_SIN_2_20211107T172832_20211107T172838_E001         CS_OFFL_SIR_SIN_2_20211107T173001_20211107T173438_E001         CS_OFFL_SIR_SIN_2_20211107T1781137_20211107T181530_E001	<ul> <li>track Angle Error</li> <li>SARIn X-track Angle Error</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error</li> <li>Backscatter Error (Retracker 3), SARIn X track Angle Error, Getracker 3), SARIn X track Angle Error, Surface model unavailable</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error</li> <li>SARIn X-track Angle Error</li> <li>Backscatter Error (Retracker 3), SARIn X track Angle Error</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable</li> <li>Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model</li> <li>Backscatter Error (Retracker 3), SARIN X track Angle Error (Retracker 3), SARIN X track Angle Error, Surface model</li> </ul>	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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker
CS_OFFL_SIR_SIN_2_20211107T154933_20211107T154940_E001         CS_OFFL_SIR_SIN_2_20211107T155104_20211107T155322_E001         CS_OFFL_SIR_SIN_2_20211107T163104_20211107T163401_E001         CS_OFFL_SIR_SIN_2_20211107T163454_20211107T163706_E001         CS_OFFL_SIR_SIN_2_20211107T172118_20211107T172313_E001         CS_OFFL_SIR_SIN_2_20211107T172832_20211107T172838_E001         CS_OFFL_SIR_SIN_2_20211107T173001_20211107T173438_E001         CS_OFFL_SIR_SIN_2_20211107T181137_20211107T181530_E001         CS_OFFL_SIR_SIN_2_20211107T182122_E001	<ul> <li>track Angle Error</li> <li>SARIn X-track Angle Error</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error</li> <li>Backscatter Error (Retracker 3), SARIn X track Angle Error, Getracker 3), SARIn X track Angle Error, Surface model unavailable</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error</li> <li>SARIn X-track Angle Error</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable</li> <li>Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable</li> <li>Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable</li> <li>SARIn X-track Angle Error, Surface model unavailable</li> <li>SARIn X-track Angle Error, Surface model unavailable</li> </ul>	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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more 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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records An ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records 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_20211107T154933_20211107T154940_E001         CS_OFFL_SIR_SIN_2_20211107T155104_20211107T155322_E001         CS_OFFL_SIR_SIN_2_20211107T163104_20211107T163401_E001         CS_OFFL_SIR_SIN_2_20211107T163454_20211107T163706_E001         CS_OFFL_SIR_SIN_2_20211107T163454_20211107T163706_E001         CS_OFFL_SIR_SIN_2_20211107T172118_20211107T172313_E001         CS_OFFL_SIR_SIN_2_20211107T172832_20211107T172838_E001         CS_OFFL_SIR_SIN_2_20211107T173001_20211107T173438_E001         CS_OFFL_SIR_SIN_2_20211107T181137_20211107T181530_E001         CS_OFFL_SIR_SIN_2_20211107T182049_20211107T182122_E001         CS_OFFL_SIR_SIN_2_20211107T183027_20211107T183136_E001	<ul> <li>track Angle Error</li> <li>SARIn X-track Angle Error</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error</li> <li>Backscatter Error (Retracker 3), SARIn X track Angle Error</li> <li>Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error</li> <li>SARIn X-track Angle Error</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error</li> <li>Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable</li> <li>SARIN X-track Angle Error, Surface model unavailable</li> <li>SARIN X-track Angle Error, Surface</li> </ul>	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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more 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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for the location for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for the location for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for the location for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for the location for one or more records An ambiguous angle was detec
CS_OFFL_SIR_SIN_2_20211107T154933_20211107T154940_E001         CS_OFFL_SIR_SIN_2_20211107T155104_20211107T155322_E001         CS_OFFL_SIR_SIN_2_20211107T163104_20211107T163401_E001         CS_OFFL_SIR_SIN_2_20211107T163454_20211107T163706_E001         CS_OFFL_SIR_SIN_2_20211107T172118_20211107T163706_E001         CS_OFFL_SIR_SIN_2_20211107T172832_20211107T172313_E001         CS_OFFL_SIR_SIN_2_20211107T172832_20211107T172838_E001         CS_OFFL_SIR_SIN_2_20211107T173001_20211107T173438_E001         CS_OFFL_SIR_SIN_2_20211107T181137_20211107T181530_E001         CS_OFFL_SIR_SIN_2_20211107T182049_20211107T182122_E001         CS_OFFL_SIR_SIN_2_20211107T183027_20211107T183136_E001         CS_OFFL_SIR_SIN_2_20211107T183027_20211107T183136_E001	<ul> <li>track Angle Error</li> <li>SARIn X-track Angle Error</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error</li> <li>Backscatter Error (Retracker 3), SARIn X track Angle Error</li> <li>Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error</li> <li>Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable</li> <li>Backscatter Error, Surface model unavailable</li> <li>SARIN X-track Angle Error, Surface model unavailable</li> <li>SARIN X-track Angle Error, Surface model unavailable</li> <li>SARIN X-track Angle Error, Surface model unavailable</li> <li>Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error, Surface</li> <li>SARIN X-track Angle Error (Retracker 2), Backscatter Error (Retracker 2), Back</li></ul>	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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more 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, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for the location for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was us

CS_OFFL_SIR_SIN_2_20211107T194258_20211107T195342_E001 Backscatter Error (Retracker 2), track Angle Error, Surface model track Angle Error, Surface model the location for one or more records	
unavailable	
CS_OFFL_SIR_SIN_2_20211107T204013_20211107T204143_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error	uous angle
CS_OFFL_SIR_SIN_2_20211107T205020_20211107T205155_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error	uous angle
CS_OFFL_SIR_SIN_2_20211107T212801_20211107T212939_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN x track Angle Error, Surface model unavailable The sa backscatter error for Retracker 2 and 3, an ambiguou was detected for SARIn mode, and no DEM or Slope Model was the location for one or more records	
CS_OFFL_SIR_SIN_2_20211107T213021_20211107T213122_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN x track Angle Error, Surface model unavailable the location for one or more records	
CS_OFFL_SIR_SIN_2_20211107T213122_20211107T213126_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or mo	re records
CS_OFFL_SIR_SIN_2_20211107T213902_20211107T213927_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN, track Angle Error, Surface model unavailable There is a backscatter error for Retracker 2 and 3, an ambiguou was detected for SARIn mode, and no DEM or Slope Model was the location for one or more records	
CS_OFFL_SIR_SIN_2_20211107T222029_20211107T222143_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error	uous angle
CS_OFFL_SIR_SIN_2_20211107T222719_20211107T223036_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error	uous angle
CS_OFFL_SIR_SIN_2_20211107T230724_20211107T230749_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or mo	re records
CS_OFFL_SIR_SIN_2_20211107T230857_20211107T230912_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or mo	re records
CS_OFFL_SIR_SIN_2_20211107T231830_20211107T231854_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN, track Angle Error, Surface model unavailable There is a backscatter error for Retracker 2 and 3, an ambiguou was detected for SARIn mode, and no DEM or Slope Model was the location for one or more records	
CS_OFFL_SIR_SIN_2_20211107T231902_20211107T231927_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN track Angle Error, Surface model unavailable unavailable the location for one or more records	
CS_OFFL_SIR_SIN_2_20211107T232123_20211107T232234_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN track Angle Error, Surface model unavailable Track Angle Error, Surface model unavailable The context of	