

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

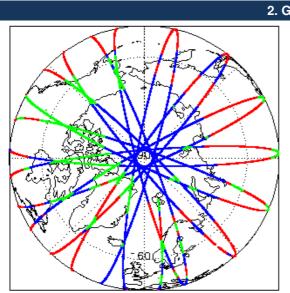
## <u>01/03/2023</u>

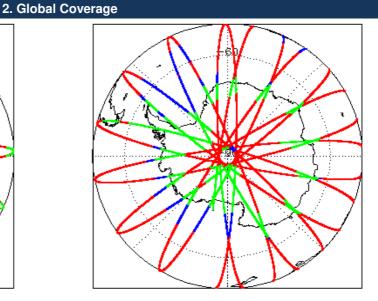
## 1. Overview

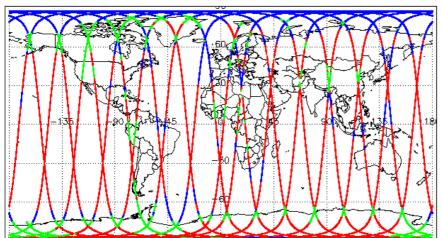
Depart Dreduction Date:	30-Mar-2023	Check	Status
Report Production Date:		Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
Processor Used.		Product Software Check	Nominal
Data Used:	L1B and L2 OFFLINE Data	Product Format Check	Nominal
Data Used:		Product Header Analysis	Nominal
		Star Tracker Usage Check	Nominal
We would love to hear from you!		L1B Tracking Flag Check	See Section 4.4
Please let us know your feedback about these daily quality		L1B Calibration Usage Check	Nominal
reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2_qc_team@telespazio.com			
		L1B & L2 Auxiliary Correction Error Check	See Section 4.7 and 5.4
		L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5
		QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3

## Mission / Instrument News 28-Feb-2023 None 01-Mar-2023 None

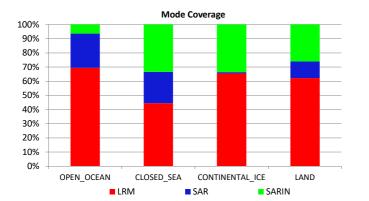
02-Mar-2023 Nothing planned

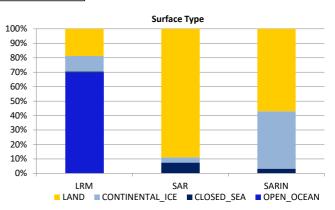






# Mode Coverage (%) LRM 67.4 SAR 19.0 SARIn 13.6





IDEAS-QA4E0

## 3. Instrument Configuration

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

SIRAL - A

SIRAL instrument(s) in use:

4. Level 1B Data Quality Check

## 4.1 L1B Product Format Check

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

Number of products with errors:

#### 4.2 L1B Product Header Analysis

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

#### 4.3 Star Tracker Usage Check

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

Number of products with errors:

## 4.4 L1B Tracking Flags Check

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

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

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#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20230301T000657_20230301T000717_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T000759_20230301T000815_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T001107_20230301T001700_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T004143_20230301T004644_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T005210_20230301T012547_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T012828_20230301T012859_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T012904_20230301T012920_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T012924_20230301T012943_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T023226_20230301T024800_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T024807_20230301T024809_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T024812_20230301T024821_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T024823_20230301T025012_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T025454_20230301T030311_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T030628_20230301T030629_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T030632_20230301T030641_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T030643_20230301T030648_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T030655_20230301T030732_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T030740_20230301T030749_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T030751_20230301T030811_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T030817_20230301T030822_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T030827_20230301T030847_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T030849_20230301T030918_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T034107_20230301T035543_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T041140_20230301T042415_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T042440_20230301T042717_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T042918_20230301T042925_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T042929_20230301T043839_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T044022_20230301T044313_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T044316_20230301T044337_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T044339_20230301T044344_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T044346_20230301T044348_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T044350_20230301T044355_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T044400_20230301T044424_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T044426_20230301T044500_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T044502_20230301T044507_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T044511_20230301T044513_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T044515_20230301T044905_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T050308_20230301T050458_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T050650_20230301T051629_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T051633_20230301T051808_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T061502_20230301T061551_E001	Loss of echo	The tracking echo is missing for one or more records

CS OFFL SIR LRM 1B 20230301T061939 20230301T062016 E001 CS OFFL SIR LRM 1B 20230301T062106 20230301T062132 E001 CS OFFL SIR LRM 1B 20230301T062134 20230301T062204 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T062208\_20230301T062249\_E001 CS OFFL SIR LRM 1B 20230301T062252 20230301T062802 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T064308\_20230301T064854\_E001 CS OFFL SIR LRM 1B 20230301T065005 20230301T065327 E001 CS OFFL SIR LRM 1B 20230301T065329 20230301T071717 E001 CS\_OEEL\_SIB\_LBM\_1B\_20230301T073013\_20230301T075550\_E001 CS OFFL SIR LRM 1B 20230301T075755 20230301T080444 E001 CS OFFL SIB LBM 1B 20230301T080444 20230301T080614 E001 CS OFFL SIR LRM 1B 20230301T082747 20230301T085607 E001 CS OFFL SIR LRM 1B 20230301T090925 20230301T093755 E001 CS OFFL SIR LRM 1B 20230301T093758 20230301T093804 E001 CS OFFL SIR LBM 1B 20230301T093806 20230301T093808 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T093810\_20230301T093819\_E001 CS OFFL SIR LRM 1B 20230301T093913 20230301T094133 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T094208\_20230301T094414\_E001 CS OFFL SIR LRM 1B 20230301T104101 20230301T104626 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T105710\_20230301T110040\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T110202\_20230301T110649\_E001 CS\_OFFL\_SIR\_LBM\_1B\_20230301T110707\_20230301T111139\_E001 CS OFFL SIR LRM 1B 20230301T111146 20230301T111207 E001 CS OFFL SIR LRM 1B 20230301T111829 20230301T111923 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T111948\_20230301T112010\_E001 CS OFFL SIR LRM 1B 20230301T112015 20230301T112103 E001 CS OFFL SIR LRM 1B 20230301T112331 20230301T112346 E001 CS OFFL SIR LRM 1B 20230301T125020 20230301T125448 E001 CS OFFL SIR LRM 1B 20230301T125558 20230301T125612 E001 CS OFFL SIR LRM 1B 20230301T125615 20230301T125639 E001 CS OFFL SIR LRM 1B 20230301T131642 20230301T131756 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T145512\_20230301T145545\_E001 CS OFFL SIR LRM 1B 20230301T145549 20230301T145606 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T145609\_20230301T145612\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T145615\_20230301T145617\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T145624\_20230301T145700\_E001 CS OFFL SIR LRM 1B 20230301T145702 20230301T145705 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T145708\_20230301T145710\_E001 CS\_OFEL\_SIR\_LBM\_1B\_20230301T145713\_20230301T145718\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T145722\_20230301T145737\_E001 CS\_OFFL\_SIR\_LBM\_1B\_20230301T151426\_20230301T151512\_E001 CS OFFL SIR LRM 1B 20230301T151518 20230301T153212 E001 CS\_OFFL\_SIR\_LBM\_1B\_20230301T154907\_20230301T160245\_E001 CS OFFL SIR LRM 1B 20230301T161823 20230301T161857 E001 CS\_OFFL\_SIR\_LBM\_1B\_20230301T163355\_20230301T163755\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T163757\_20230301T163809\_E001 CS OFFL SIR LRM 1B 20230301T163811 20230301T163839 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T163841\_20230301T163932\_E001 CS OFFL SIR LRM 1B 20230301T163936 20230301T164146 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T164427\_20230301T165447\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T173123\_20230301T174005\_E001 CS\_OFFL\_SIR\_LBM\_1B\_20230301T174351\_20230301T174839\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T175122\_20230301T175708\_E001 CS OFFL SIR LRM 1B 20230301T181216 20230301T181612 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T181616\_20230301T181741\_E001 CS OFFL SIR LRM 1B 20230301T181744 20230301T181746 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T181749\_20230301T181817\_E001 CS OFFL SIR LRM 1B 20230301T181820 20230301T181832 E001 CS OFFL SIR LRM 1B 20230301T181835 20230301T181848 E001 CS OFFL SIR LRM 1B 20230301T181852 20230301T181912 E001 CS OFFL SIR LRM 1B 20230301T181915 20230301T181933 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T181939\_20230301T181957\_E001 CS OFFL SIR LRM 1B 20230301T182001 20230301T182007 E001 CS\_OFFL\_SIR\_LRM\_1B\_20230301T182010\_20230301T182015\_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 20230301T182017 20230301T182042 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230301T182100 20230301T182149 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230301T182549 20230301T182620 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230301T185349 20230301T185733 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230301T190339 20230301T192949 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230301T192951 20230301T192043 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230301T193037 20230301T193148 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_ERM_1B_20230301T193150_20230301T193148_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T193451_20230301T193759_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T195540_20230301T200037_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T200148_20230301T200206_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T200414_20230301T202957_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T203655_20230301T204021_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T213347_20230301T213703_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T213737_20230301T213928_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T213930_20230301T213933_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T213937_20230301T213947_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T213949_20230301T214053_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T214055_20230301T214057_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T214103_20230301T215858_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T221133_20230301T221723_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T222233_20230301T225624_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T231018_20230301T231102_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T231145_20230301T231215_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T231548_20230301T231807_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T231819_20230301T231833_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T231836_20230301T231902_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T232828_20230301T233101_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T233103_20230301T233147_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230301T233215_20230301T233408_E001	Loss of echo	The tracking echo is missing for one or more records

## 4.5 L1B Calibration Usage Check

Each product is checked in order to ensure that the necessary calibration files have been used in processing. Number of products with errors: 0

## 4.6 L1B Auxilary Data File Usage Check

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

 Number of products with errors:
 0

## 4.7 L1B Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag for each measurement record. The bit value of this flag indicates any problems when set.
Number of products with errors: 5

Product	Test Failed	Description
CS_OFFL_SIR_SAR_1B_20230301T012827_20230301T012827_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	Auxiliary corrections missing for one or more record; under investigation
CS_OFFL_SIR_SAR_1B_20230301T030328_20230301T030328_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	Auxiliary corrections missing for one or more record; under investigation
CS_OFFL_SIR_SAR_1B_20230301T030431_20230301T030431_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	Auxiliary corrections missing for one or more record; under investigation
CS_OFFL_SIR_SAR_1B_20230301T131800_20230301T131801_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	Auxiliary corrections missing for one or more record; under investigation

Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag

## 4.8 L1B Measurement Confidence Data Check

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

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

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

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

## 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: 0

#### 5.2 L2 Product Header Analysis

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

Number of products with errors:

#### 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

#### 5.4 L2 Auxiliary Correction Error Check

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

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

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

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

#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220230301T171822_20230301T171834_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_SAR_220230301T000011_20230301T000035_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T000508_20230301T000656_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230301T000913_20230301T001107_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T003931_20230301T004028_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230301T005004_20230301T005210_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T012547_20230301T012710_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230301T012714_20230301T012748_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T012750_20230301T012823_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T013637_20230301T014227_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T014239_20230301T015126_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T021421_20230301T021732_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T021751_20230301T022120_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T023216_20230301T023226_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T025012_20230301T025453_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T030311_20230301T030316_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T030318_20230301T030320_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T030324_20230301T030326_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T030330_20230301T030340_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T030344_20230301T030346_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T030347_20230301T030349_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230301T030354_20230301T030401_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_220230301T030407_20230301T030420_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T030426_20230301T030428_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T030433_20230301T030445_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T030447_20230301T030541_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T030543_20230301T030559_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20230301T030601 20230301T030608 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230301T030609 20230301T030611 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230301T030615 20230301T030616 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230301T030623_20230301T030628_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230301T032155_20230301T032224_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230301T033854_20230301T034107_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230301T035543_20230301T035631_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230301T035809_20230301T035859_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T042416_20230301T042440_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T042718_20230301T042837_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T042842_20230301T042917_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T045831_20230301T050019_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T050225_20230301T050307_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T050458_20230301T050553_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T050625_20230301T050649_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T053815_20230301T053851_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T055055_20230301T055109_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T060806_20230301T061037_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T061249_20230301T061501_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T064019_20230301T064307_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records fails outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T064855_20230301T065005_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T071718_20230301T071825_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T085608_20230301T085749_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T093820_20230301T093854_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T093856_20230301T093902_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T093904_20230301T093912_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T094414_20230301T094546_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230301T094725_20230301T095728_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20230301T103508 20230301T103738 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20230301T104744 20230301T104759 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230301T105420 20230301T105659 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230301T111447_20230301T111829_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230301T112104_20230301T112331_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230301T112759_20230301T113627_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230301T113955_20230301T114036_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230301T114904_20230301T115148_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230301T121441_20230301T121637_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230301T122106_20230301T122110_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230301T122643_20230301T122645_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230301T124059_20230301T124211_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230301T125448_20230301T125558_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230301T125612_20230301T125614_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230301T125639_20230301T130109_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230301T130109_20230301T130612_E001	Snow depth model	falls outside of the extent of the current snow depth model

CS\_OFFL\_SIR\_SAR\_2\_\_20230301T131800\_20230301T131801\_E001

CS\_OFFL\_SIR\_SAR\_2\_\_20230301T131807\_20230301T131901\_E001 CS OFFL SIR SAR 2 20230301T135300 20230301T135307 E001 CS\_OFFL\_SIB\_SAB\_2\_20230301T140005\_20230301T140010\_E001 CS OFFL SIR SAR 2 20230301T140018 20230301T140024 E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T140523\_20230301T140608\_E001 CS OFFL SIR SAR 2 20230301T140818 20230301T141105 E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T144232\_20230301T144246\_E001 CS OFFL SIR SAR 2 20230301T145738 20230301T145743 E001 CS OFFL SIR SAR 2 20230301T145745 20230301T150229 E001 CS OFFL SIR SAR 2 20230301T150945 20230301T151426 E001 CS OFFL SIR SAR 2 20230301T153904 20230301T153910 E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T153917\_20230301T153922\_E001 CS OFFL SIR SAR 2 20230301T154318 20230301T154907 E001 CS OFFL SIR SAR 2 20230301T160246 20230301T160320 E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T160323\_20230301T160607\_E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T161622\_20230301T161822\_E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T161858\_20230301T162142\_E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T162256\_20230301T162457\_E001 CS OFFL SIR SAR 2 20230301T165447 20230301T165626 E001 CS OFFL SIR SAR 2 20230301T171118 20230301T171127 E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T171816\_20230301T171822\_E001 CS OFFL SIR SAR 2 20230301T175002 20230301T175122 E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T175811\_20230301T180046\_E001 CS OFFL SIR SAR 2 20230301T180115 20230301T180120 E001 CS\_OFFL\_SIB\_SAB\_2\_20230301T182621\_20230301T182726\_E001 CS OFFL SIR SAR 2 20230301T190255 20230301T190339 E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T204146\_20230301T204309\_E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T212924\_20230301T213347\_E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T215858\_20230301T220322\_E001 CS OFFL SIR SAR 2 20230301T220951 20230301T221007 E001 CS OFFL SIR SAR 2 20230301T222039 20230301T222233 E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T225625\_20230301T225650\_E001 CS OFFL SIR SAR 2 20230301T225740 20230301T225819 E001 CS OFFL SIR SAR 2 20230301T230711 20230301T231018 E001 CS OFFL SIR SAR 2 20230301T231215 20230301T231247 E001 CS OFFL SIR SAR 2 20230301T231409 20230301T231548 E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T231902\_20230301T232219\_E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T233408\_20230301T233512\_E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T233514\_20230301T233616\_E001 CS\_OFFL\_SIR\_SAR\_2\_\_20230301T235918\_20230302T000137\_E001 CS OFFL SIR SIN 2 20230301T004644 20230301T005003 E001 CS OFFL SIR SIN 2 20230301T022120 20230301T022356 E001 CS OFFL SIR SIN 2 20230301T022550 20230301T023216 E001 CS OFFL SIR SIN 2 20230301T035859 20230301T040252 E001 CS\_OFFL\_SIR\_SIN\_2\_20230301T103739\_20230301T104101\_E001 CS\_OFFL\_SIR\_SIN\_2\_\_20230301T121638\_20230301T121958\_E001 CS OFFL SIR SIN 2 20230301T154114 20230301T154318 E001

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

Auxiliary corrections missing for one or more record; under investigation

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

There is an error with the Mean Sea Surface for one or more records

CS_OFFL_SIR_SIN_220230301T171956_20230301T172406_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230301T235617_20230301T235918_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

## 5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220230301T000035_20230301T000304_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_220230301T001949_20230301T003930_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_220230301T005210_20230301T012547_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_220230301T015126_20230301T021421_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_220230301T023226_20230301T024800_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_220230301T024823_20230301T025012_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_220230301T025454_20230301T030311_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_220230301T032224_20230301T033853_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_220230301T034107_20230301T035543_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_2_20230301T041140_20230301T042415_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_220230301T042440_20230301T042717_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_220230301T042918_20230301T042925_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_220230301T042929_20230301T043839_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_220230301T050308_20230301T050458_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20230301T050650_20230301T051629_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_220230301T052319_20230301T053815_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_220230301T055109_20230301T060806_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_220230301T061037_20230301T061248_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_220230301T061939_20230301T062016_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230301T062134_20230301T062204_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20230301T062208_20230301T062249_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230301T065005_20230301T065327_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_220230301T065329_20230301T071717_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_220230301T073013_20230301T075550_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_220230301T082747_20230301T085607_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_220230301T090925_20230301T093755_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_220230301T094546_20230301T094725_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_220230301T100054_20230301T103508_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_220230301T104800_20230301T105419_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20230301T112015_20230301T112103_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_220230301T114036_20230301T114904_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_220230301T115149_20230301T121441_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_220230301T122645_20230301T124059_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_220230301T124211_20230301T124654_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_220230301T125020_20230301T125448_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_220230301T131901_20230301T135259_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_220230301T141105_20230301T144232_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_220230301T150229_20230301T150945_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_220230301T151426_20230301T151512_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_220230301T151518_20230301T153212_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_220230301T154907_20230301T160245_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_220230301T160608_20230301T161621_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_220230301T161823_20230301T161857_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_220230301T163936_20230301T164146_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230301T164427_20230301T165447_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20230301T165627_20230301T171118_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_220230301T172651_20230301T172813_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20230301T173123_20230301T174005_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_220230301T174351_20230301T174839_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_220230301T182726_20230301T185033_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_220230301T190339_20230301T192949_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_220230301T195332_20230301T195417_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_220230301T200414_20230301T202957_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_220230301T204310_20230301T211701_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20230301T214103_20230301T215858_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_220230301T222233_20230301T225624_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_220230301T231018_20230301T231102_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_220230301T231836_20230301T231902_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_220230301T233215_20230301T233408_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_220230301T233616_20230301T234937_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_20230301T000011_20230301T000035_E001	Backscatter Error (Retracker 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_20230301T000508_20230301T000656_E001	Backscatter Error (Retracker 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_20230301T000913_20230301T001107_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T003931_20230301T004028_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T005004_20230301T005210_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T012547_20230301T012710_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T012714_20230301T012748_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T012943_20230301T013637_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T013637_20230301T014227_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T014239_20230301T015126_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T021421_20230301T021732_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T021751_20230301T022120_E001	Backscatter Error (Retracker 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_20230301T023216_20230301T023226_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T025012_20230301T025453_E001	Backscatter Error (Retracker 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_20230301T030311_20230301T030316_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T030447_20230301T030541_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T030921_20230301T031527_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T031527_20230301T031635_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T032155_20230301T032224_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T033854_20230301T034107_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T035543_20230301T035631_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T035809_20230301T035859_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T042416_20230301T042440_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T042718_20230301T042837_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T042842_20230301T042917_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T044924_20230301T045014_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T045018_20230301T045059_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T045122_20230301T045328_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T045328_20230301T045551_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T045831_20230301T050019_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T050458_20230301T050553_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T050625_20230301T050649_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T053815_20230301T053851_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T055055_20230301T055109_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_220230301T060806_20230301T061037_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T061249_20230301T061501_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T062803_20230301T062918_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T062918_20230301T063505_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T064019_20230301T064307_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T064855_20230301T065005_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T071718_20230301T071825_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T080614_20230301T080814_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T080847_20230301T081000_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T081020_20230301T081525_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T085608_20230301T085749_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T093820_20230301T093854_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T094414_20230301T094546_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T094725_20230301T095728_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T103508_20230301T103738_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T104744_20230301T104759_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T105420_20230301T105659_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T111447_20230301T111829_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T112104_20230301T112331_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T112759_20230301T113627_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T113955_20230301T114036_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T114904_20230301T115148_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T121441_20230301T121637_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T122643_20230301T122645_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T124059_20230301T124211_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T125448_20230301T125558_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T125639_20230301T130109_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T130109_20230301T130612_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T130856_20230301T131639_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T131807_20230301T131901_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T135300_20230301T135307_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T140523_20230301T140608_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T140818_20230301T141105_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T144232_20230301T144246_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CC OFEL SID SAD 2 202202017144758 202202017146246 E001	Backscatter Error (Retracker 2),	There is a backgoother array for Batracker 2 and 2 for one or more records
CS_OFFL_SIR_SAR_2_20230301T144758_20230301T145346_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T145349_20230301T145509_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T145745_20230301T150229_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T150945_20230301T151426_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T154318_20230301T154907_E001	Backscatter Error (Retracker 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_20230301T160323_20230301T160607_E001	Backscatter Error (Retracker 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_20230301T161622_20230301T161822_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T161858_20230301T162142_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T162256_20230301T162457_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T162713_20230301T163355_E001	Backscatter Error (Retracker 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_20230301T165447_20230301T165626_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T171118_20230301T171127_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T175002_20230301T175122_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T175811_20230301T180046_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T180544_20230301T181105_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T182621_20230301T182726_E001	Backscatter Error (Retracker 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_20230301T190255_20230301T190339_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T194408_20230301T195139_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T195139_20230301T195332_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T204146_20230301T204309_E001	Backscatter Error (Retracker 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_20230301T212111_20230301T212848_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T212924_20230301T213347_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T215858_20230301T220322_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T220951_20230301T221007_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T222039_20230301T222233_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T225625_20230301T225650_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T230026_20230301T230711_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T230711_20230301T231018_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T231215_20230301T231247_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T231409_20230301T231548_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T231902_20230301T232219_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T233514_20230301T233616_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230301T235918_20230302T000137_E001	Backscatter Error (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_220230228T235902_20230301T000010_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records

Description         Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<>	CS_OFFL_SIR_SIN_220230301T000304_20230301T000508_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
Description         Description         Description           00_0000000000000000000000000000000000	CS_OFFL_SIR_SIN_220230301T000815_20230301T000913_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	was detected for SARIn mode, and no DEM or Slope Model was used for
Ce, STE, STE, STE, STE, STE, STE, STE, STE	CS_OFFL_SIR_SIN_220230301T001700_20230301T001949_E001	Backscatter Error (Retracker 2),	
Dispage     Description     Description     The second processing of the second procesing of the second processing of the second processing of the secon	CS_OFFL_SIR_SIN_220230301T004028_20230301T004142_E001	Backscatter Error (Retracker 3), SARIn X	
Corp. 1, Support Quarter for Support Su	CS_OFFL_SIR_SIN_220230301T004644_20230301T005003_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	
05.0.0FL_BH_SH_SH_Z_RESULT TO A MOXIMUT 22254_000     PRE-SHIP (Interder 2), SHIP X, Let all and all solution with the Annu Park and Annu Park a	CS_OFFL_SIR_SIN_2_20230301T014227_20230301T014239_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CE, CFL, SM, SM, 2., M2200011022106       Balaccaster Garry (Restore 2), SAMA, Yes, SM, SM, SM, SM, SM, SM, SM, SM, SM, SM	CS_OFFL_SIR_SIN_220230301T022120_20230301T022356_E001	Backscatter Error (Retracker 3), SARIn X	
CS. OFTL. SH. SN.2	CS_OFFL_SIR_SIN_2_20230301T022550_20230301T023216_E001	Backscatter Error (Retracker 3), SARIn X	
CB, CPFL_SH_SL_P_2022001T001001T001001_P00000_000_000_000_000_000_000_00	CS_OFFL_SIR_SIN_220230301T031636_20230301T031756_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error	
CS_CPFL_SR_SN_2_2020201103580_2001         Educate France (Rescard B), SARIN-Y           Descurate France (Rescard B), SARIN-Y         The is a balaxies for a CREAR model for A CR	CS_OFFL_SIR_SIN_2_20230301T032040_20230301T032154_E001	Backscatter Error (Retracker 3), SARIn X	
GS_OFFL_SR_SNL2023001T04000_2023001T04000_2023001T04000_2023001T04000_2023001T04000_2023001T04000_2023001T04000_20230001T04000_2000010000000000000000000000000000	CS_OFFL_SIR_SIN_220230301T035632_20230301T035808_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_SRLSNL2_20203011704002_202203011704106_ED01         SAMIN X mode Angle Error         An inteligued angle was detected for SARIs mode for one or more records.           CS_OFFL_SIR_SNL2_20203011704100_20220301704110_E001         Backscatter Error (Persoder 2), SARIN, Angle Error         Non inteligued angle was detected for SARIs mode for one or more records.           CS_OFFL_SIR_SNL2_20203011704101_E001         East-scatter Error (Persoder 2), SARIN, Angle Error         There is a backscatter error for Persoder 2 and 3 and an antiguous angle was detected for SARIs mode for one or more records.           CS_OFFL_SIR_SNL2_20203011704601_20220301704609_E001         East-scatter Error (Persoder 2), SARIN Tech Angle Error (Persoder 2), SARIN Tech Error (Persode	CS_OFFL_SIR_SIN_220230301T035859_20230301T040252_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	
GS_OFFL_SIR_SIN_2_2023001T04105_2023001T041140_E001       Backscatter Error (Francker 2), SARL x/ Angle Error       There is a backscatter error for Patricker 2 and 3 an ambiguous angle was detected to SARL mode. In OEM or SUppe Model was used for the calculation or or more records.         GS_OFFL_SIR_SIN_2_2023001T045100_2023001T045121_E001       Backscatter Error (Francker 2), SARL x/ and DEM or SUppe Model was used for the calculation or or more records.         GS_OFFL_SIR_SIN_2_2023001T045510_2023001T045510_2023001T045521_E001       Backscatter Error (Francker 2), SARL x/ and DEM or SUppe Model was used for the calculation or or more records.         GS_OFFL_SIR_SIN_2_2023001T045510_2023001T045520_E001       Backscatter Error (Francker 2), SARL x/ and DE AND SUppe Model was used for the calculation or or or more records.         GS_OFFL_SIR_SIN_2_2023001T05019_2023001T050219_E001       Backscatter Error (Francker 2), SARL x/ and DE AND SUppe Model was used for the calculation or or for error records.         GS_OFFL_SIR_SIN_2_2023001T05019_2023001T050219_E001       Backscatter Error (Francker 2), SARL x/ and DE AND SUppe Model was used for the colculation for or or or or error records.         GS_OFFL_SIR_SIN_2_2023001T05019_2023001T050219_E001       Backscatter Error (Francker 2), SARL x/ and DE AND SUppe Model was used for the colculation for or or or or errors records.         GS_OFFL_SIR_SIN_2_2023001T050509_2023001T050509_E001       Backscatter Error (Francker 2), SARL x/ and SARL mode.       There is a backscatter error for Patricker 2 and 3 and an antribuous angle was detected for SARL mode.         GS_OFFL_SIR_SIN_2_20230001T0505019_2023001T050505_E001       Backsca	CS_OFFL_SIR_SIN_220230301T040502_20230301T040551_E001		
GS_OFFL_SIR_SIN_2_2223001T04510_2223001T045512_E001         Backsatter Error (Flerakeer 3), SARIN X, Minte is a backsatter error for Hetracker 2 and 3 and an antiguous angle data status and the backsatter Error (Flerakeer 3), SARIN X, Minte is a backsatter error for Hetracker 2 and 3 and an antiguous angle tack Angle Error, Surtae nobel           GS_OFFL_SIR_SIN_2_2023001T045661_2023001T045666_E001         Backsatter Error (Flerakeer 2), SARIN X, Minte is a backsatter error for Hetracker 2 and 3 and an antiguous angle tack Angle Error           GS_OFFL_SIR_SIN_2_2023001T045661_2023001T045666_E001         Backsatter Error (Flerakeer 2), SARIN X, Minte is a backsatter error for Hetracker 2 and 3 and an antiguous angle tack Angle Error           GS_OFFL_SIR_SIN_2_2023001T056019_2023001T05225_E001         Backsatter Error (Flerakeer 2), SARIN X, Minte is a backsatter error for Hetracker 2 and 3 and an antiguous angle tack Angle Error           GS_OFFL_SIR_SIN_2_2023001T056019_2023001T05235_E001         Backsatter Error (Flerakeer 3), SARIN X, Minte is a backsatter error for Hetracker 2 and 3 and an antiguous angle tack Angle Error           GS_OFFL_SIR_SIN_2_2023001T05603_E001         Backsatter Error (Flerakeer 3), Minte is a backsatter error for Hetracker 2 and 3 and an entiguous angle tack Angle Error           GS_OFFL_SIR_SIN_2_2023001T05603_E001         Backsatter Error (Flerakeer 3), SARIN X, Minte is a backsatter error for Hetracker 2 and 3 and an entiguous angle tack Angle Error           GS_OFFL_SIR_SIN_2_2023001T05603_E001         Backsatter Error (Flerakeer 3), SARIN X, Minte is a backsatter error for Hetracker 2 and 3 and an entiguous angle tack Angle Error              GS_OFFL_SIR_SIN_2_2023001T076503_E001 <td>CS_OFFL_SIR_SIN_2_20230301T041005_20230301T041140_E001</td> <td>Backscatter Error (Retracker 3), SARIn X</td> <td></td>	CS_OFFL_SIR_SIN_2_20230301T041005_20230301T041140_E001	Backscatter Error (Retracker 3), SARIn X	
GS, OFFL, SIR, SIN 2, 20230311045551, 202303011045680, E001       Backsaatter Enror (Fettacker 2), Backsaatter enror for Relatacker 2, end 3 and an ambiguous angle advactation for fettacker 3), SARM in The is a backscatter enror for Relatacker 2 and 3 and an ambiguous angle advactation for fettacker 3), SARM in The is a backscatter enror for Relatacker 2 and 3 and an ambiguous angle advactation for fettacker 2), Backscatter Enror (Fettacker 2), SARM in The is a backscatter enror for Relatacker 2 and 3 and a ambiguous angle advactation for fettacker 3), SARM in The is a backscatter enror for Relatacker 2 and 3 and a mbiguous angle advactation for releated by SARM in mode. for one or more records         GS, OFFL, SIR, SIN 2, 202303011052319, E001       Backscatter Enror (Fettacker 2), Backscatter enror for Relatacker 2 and 3 and a ambiguous angle advactation for releated by SARM in Mark and a construction on or more records.         GS, OFFL, SIR, SIN 2, 202303011052319, E001       Backscatter Enror (Fettacker 2), Backscatter enror for Relatacker 2 and 3 and a ambiguous angle advactation form (Fettacker 2), Backscatter enror for Relatacker 2 and 3 and a ambiguous angle advactation form (Fettacker 2), Backscatter enror for Relatacker 2 and 3 and a ambiguous angle advactation form (Fettacker 2), Backscatter enror for Relatacker 2 and 3 and a ambiguous angle advactation form (Fettacker 2), Backscatter enror for Relatacker 2 and 3 and a ambiguous angle advactation form (Fettacker 2), Backscatter enror for Relatacker 2 and 3 and a ambiguous angle advactation form (Fettacker 2), Backscatter enror for Relatacker 2 and 3 and a ambiguous angle advactation form (Fettacker 2), Backscatter enror for Relatacker 2 and 3 and a ambiguous angle advactation form (Fettacker 2), Backscatter enror for Relatacker 2 and 3 and a ambiguous angle advactation form (Fettacker 2), Backscatter enror fettacker 2), Backscatter enror fe	CS_OFFL_SIR_SIN_220230301T045100_20230301T045121_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_2023031T045740_20230301T045830_E001         Backscatter error (Planskor 2), Backscatter Err	CS_OFFL_SIR_SIN_220230301T045551_20230301T045656_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	
GS_OFFL_SIR_SIN_2_20230301705009_20230301705025_E001       Backscatter Error (Plantaker 3), SARIN X, There is a backscatter error for Plantaker 2), Backscatter Error (Plantaker 3), SARIN X, There is a backscatter error for Plantaker 2), Backscatter Error (Plantaker 3), SARIN X, There is a backscatter error for Plantaker 2), Backscatter Error (Plantaker 2	CS_OFFL_SIR_SIN_220230301T045740_20230301T045830_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_202303011051808_202303011052019_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X was detected for SARIn mode and no DEM or Slope of the Location for one or more records         CS_OFFL_SIR_SIN_2_202303011063505_202303011064011_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_202303011072144_202303011072228_E001       SARIN X track Angle Error       Arrole Slope Model was used for one or more records         CS_OFFL_SIR_SIN_2_202303011075550_202303011075649_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2)	CS_OFFL_SIR_SIN_220230301T050019_20230301T050225_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_20230301T054047_E001       Backscatter Error (Retracker 3), SARIN X         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_20230301T054907_20230301T055055_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_20230301T061552_20230301T061939_E001       SARIN X-track Angle Error, Surface model unavailable         CS_OFFL_SIR_SIN_2_20230301T063505_20230301T064011_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_20230301T071825_20230301T071944_E001       Backscatter Error (Retracker 2), Backscatter error (Retracker 2), 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_20230301T071845_20230301T0772144_E001       Backscatter Error (Retracker 2), Backscatter Error (Retrack	CS_OFFL_SIR_SIN_220230301T051808_20230301T052319_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20230301T054907_20230301T05505_E001         Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), SARIN X track Angle Error, SARIN X track Angle Error, Saria X angle	CS_OFFL_SIR_SIN_220230301T053852_20230301T054047_E001	Backscatter Error (Retracker 3), SARIn X	
US_OFFL_SIR_SIN_2_202303011061352_202303011061932_E001       model unavailable       Model was used for one or more records         CS_OFFL_SIR_SIN_2_202303011063505_202303011064011_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_202303011072144_202303011072228_E001       SARIN X-track Angle Error Backscatter Error (Retracker 3), SARIN X Backscatter Error (Retracker 3), 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 cords for one or more records	CS_OFFL_SIR_SIN_220230301T054907_20230301T055055_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20230301T063505_20230301T064011_E001       Backscatter Error (Retracker 3), SARIN X, There is a backscatter error for 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_20230301T075549_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 tracker 2), 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, 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_20230301T080815_20230301T080847_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker	CS_OFFL_SIR_SIN_220230301T061552_20230301T061939_E001		
CS_OFFL_SIR_SIN_2_20230301T071825_20230301T071944_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X       There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20230301T072144_20230301T072228_E001       SARIn X-track Angle Error       An ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20230301T072144_20230301T072012_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_20230301T072550_20230301T075649_E001       SARIn X-track Angle Error, Surface model unavailable       An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records         CS_OFFL_SIR_SIN_2_20230301T080815_20230301T080847_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X       There is a backscatter error for Retracker 2 and 3, 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_20230301T081001_20230301T081020_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, and no DEM or Slope Model was used for track Angle Error, Surface model unavailable         CS_OFFL_SIR_SIN_2	CS_OFFL_SIR_SIN_220230301T063505_20230301T064011_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_202303011072733_202303011072214_202303011072203       SARIN Article Angle Error       records         CS_OFFL_SIR_SIN_2_202303011072733_2023030110773012_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), SARIN X       There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_202303011075550_202303011075649_E001       SARIN X-track Angle Error, Surface model unavailable       An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records         CS_OFFL_SIR_SIN_2_202303011080815_202303011080847_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X       There is a backscatter error for Retracker 2 and 3, 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_202303011081001_202303011081020_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_202303011081525_202303011082746_E001       Backscatter Error (Retracker 2), Backscatter Error	CS_OFFL_SIR_SIN_2_20230301T071825_20230301T071944_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20230301T072733_20230301T073012_E001       Backscatter Error (Retracker 3), SARIN X       There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20230301T075550_20230301T075649_E001       SARIN X-track Angle Error, Surface model unavailable       An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records         CS_OFFL_SIR_SIN_2_20230301T080815_20230301T080847_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, 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_20230301T081001_20230301T081020_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20230301T081525_20230301T082746_E001       Backscatter Error (Retracker 2), Backscatter Error	CS_OFFL_SIR_SIN_220230301T072144_20230301T072228_E001	SARIn X-track Angle Error	
CS_OFFL_SIR_SIN_2_20230301T075550_20230301T075649_E001       SARIn X-track Angle Error, Surface model unavailable       An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records         CS_OFFL_SIR_SIN_2_20230301T080815_20230301T080847_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       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 one or more records         CS_OFFL_SIR_SIN_2_20230301T081001_20230301T081020_E001       Backscatter Error (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_20230301T081525_20230301T081020_E001       Backscatter Error (Retracker 3)       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 tracker 3)         CS_OFFL_SIR_SIN_2_20230301T081525_20230301T082746_E001       Backscatter Error (Retracker 2), SARIn	CS_OFFL_SIR_SIN_220230301T072733_20230301T073012_E001	Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20230301T080815_20230301T080847_E001       Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable       Intere is a backscatter error for Netracker 2 and 5, 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_20230301T081001_20230301T081020_E001       Backscatter Error (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_20230301T081525_20230301T081525_20230301T082746_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_20230301T085749_20230301T085749_20230301T085909_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_20230301T085749_20230301T085749_20230301T085909_E001       SARIn X-track Angle Error       An ambiguous angle was detected for SARIn mode for one or more records	CS_OFFL_SIR_SIN_220230301T075550_20230301T075649_E001	SARIn X-track Angle Error, Surface	
CS_OFFL_SIR_SIN_2_20230301T081001_20230301T081020_E001       Backscatter Error (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_20230301T081525_20230301T085746_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 for one or more records         CS_OFFL_SIR_SIN_2_20230301T085749_20230301T085749_20230301T085909_E001       Backscatter Error (Retracker 3), SARIn X track Angle Error       There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20230301T085749_20230301T085909_E001       Backscatter Error (Retracker 3), SARIn X track Angle Error       There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20230301T085953_20230301T085953_20230301T090152_E001       SARIn X-track Angle Error       An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220230301T080815_20230301T080847_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_20230301T081525_20230301T082746_E001       Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable       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_20230301T085749_20230301T085799_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_20230301T085799_20230301T085799_E001       SARIn X-track Angle Error       An ambiguous angle was detected for SARIn mode for one or more records	CS_OFFL_SIR_SIN_220230301T081001_20230301T081020_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_20230301T085749_20230301T085909_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), 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_20230301T085953_20230301T090152_E001       SARIn X-track Angle Error       An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220230301T081525_20230301T082746_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_OFEL_SIR_SIN_2_20230301T085953_20230301T090152_E001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220230301T085749_20230301T085909_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	
	CS_OFFL_SIR_SIN_220230301T085953_20230301T090152_E001	-	

CS_OFFL_SIR_SIN_220230301T090754_20230301T090925_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_220230301T095728_20230301T100054_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_220230301T103739_20230301T104101_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_20230301T104626_20230301T104744_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_220230301T112346_20230301T112437_E001	Backscatter Error (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_220230301T113627_20230301T113954_E001	Backscatter Error (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_220230301T121638_20230301T121958_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_220230301T122519_20230301T122642_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_220230301T124654_20230301T125019_E001	Backscatter Error (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_220230301T130612_20230301T130856_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backacetter Error (Retracker 2)	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230301T135307_20230301T135509_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Petracker 2)	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230301T140353_20230301T140522_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_220230301T144246_20230301T144349_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_220230301T144655_20230301T144757_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_220230301T145346_20230301T145348_E001	Backscatter Error (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_220230301T153212_20230301T153350_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_220230301T154114_20230301T154318_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_220230301T162142_20230301T162255_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_220230301T162457_20230301T162650_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_220230301T162650_20230301T162713_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_220230301T164147_20230301T164426_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_220230301T171127_20230301T171314_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_220230301T171956_20230301T172406_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_220230301T172411_20230301T172650_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_220230301T172813_20230301T173123_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_220230301T174005_20230301T174350_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_220230301T174839_20230301T175001_E001	Backscatter Error (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_220230301T180047_20230301T180115_E001	Backscatter Error (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_220230301T180123_20230301T180544_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_220230301T181106_20230301T181125_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_220230301T182042_20230301T182100_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records

CS_OFFL_SIR_SIN_2_20230301T182149_20230301T182549_E001       SARIn X-track Angle Error, Surface model unavailable       An ambiguous angle was detected for SARIn mode and no DEM or Six Model was used for one or more records         CS_OFFL_SIR_SIN_2_20230301T185033_20230301T185348_E001       Backscatter Error (Retracker 2), 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_20230301T185749_20230301T185754_E001       SARIn X-track Angle Error       An ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20230301T180749_20230301T180754_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_20230301T19047_20230301T19047_E001       Backscatter Error (Retracker 3), SARIn X, was detected for SARIn mode, and no DEM or Skep Model was used the location for one or more records         CS_OFFL_SIR_SIN_2_20230301T20038_20230301T200147_E001       SARIn X-track Angle Error, Surface model unavailable       An ambiguous angle was used for one or more records         CS_OFFL_SIR_SIN_2_20230301T20038_20230301T200147_E001       SARIn X-track Angle Error, Surface model unavailable       An ambiguous angle was detected for SARIn mode and no DEM or Skep Model was used for one or more records         CS_OFFL_SIR_SIN_2_20230301T20038_20230301T203131_E001       Backscatter Error
CS_OFFL_SIR_SIN_2_20230301T185348_E001       Backscatter Error (Retracker 3), SARIN X         CS_OFFL_SIR_SIN_2_20230301T185749_20230301T185754_E001       SARIN X-track Angle Error         CS_OFFL_SIR_SIN_2_20230301T185749_20230301T185754_E001       SARIN X-track Angle Error         Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X         CS_OFFL_SIR_SIN_2_20230301T193759_20230301T194407_E001       SARIN X-track Angle Error, Backscatter Error (Retracker 3), SARIN X         CS_OFFL_SIR_SIN_2_20230301T20038_20230301T200147_E001       SARIN X-track Angle Error, Surface model unavailable       An ambiguous angle was detected for SARIn mode, and no DEM or SIM Model was used the location for one or more records         CS_OFFL_SIR_SIN_2_20230301T20038_20230301T200147_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 SIM Model was used the location one or more records         CS_OFFL_SIR_SIN_2_20230301T20038_20230301T203131_E001       Backscatter Error (Retracker 3), SARIN X       There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20230301T204022_20230301T204145
CS_OFFL_SIR_SIN_220230301T185/34_E001       SARIN X-track Angle Error       records         CS_OFFL_SIR_SIN_220230301T190047_20230301T190254_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X       There is a backscatter error for Retracker 2 and 3 and an ambiguous a was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20230301T193759_20230301T194407_E001       Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), 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 the location for one or more records         CS_OFFL_SIR_SIN_2_20230301T200038_20230301T200147_E001       SARIN X-track Angle Error, Surface model unavailable       An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records         CS_OFFL_SIR_SIN_2_20230301T202958_20230301T200147_E001       Backscatter Error (Retracker 2), Backscatter
CS_OFFL_SIR_SIN_2_20230301T190047_20230301T190254_E001       Backscatter Error (Retracker 3), SARIn X         CS_OFFL_SIR_SIN_2_20230301T193759_20230301T194407_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X         CS_OFFL_SIR_SIN_2_20230301T193759_20230301T194407_E001       Backscatter Error (Retracker 3), SARIn X         CS_OFFL_SIR_SIN_2_20230301T200038_20230301T200147_E001       SARIn X-track Angle Error, Surface model unavailable         CS_OFFL_SIR_SIN_2_20230301T200038_20230301T200147_E001       SARIn X-track Angle Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X         CS_OFFL_SIR_SIN_2_20230301T202958_20230301T203131_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X         CS_OFFL_SIR_SIN_2_20230301T204022_20230301T204145_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X       There is a backscatter error for Retracker 2 and 3 and an ambiguous and track Angle Error         CS_OFFL_SIR_SIN_2_20230301T204022_20230301T204145_E001       Backscatter Error (Retracker 2), SARIn X
CS_OFFL_SIR_SIN_2_20230301T193759_20230301T194407_E001       Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable       Intere is a backscatter error for Hetracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used the location for one or more records         CS_OFFL_SIR_SIN_2_20230301T20038_20230301T200147_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 the location for one or more records         CS_OFFL_SIR_SIN_2_20230301T202958_20230301T203131_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 and was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20230301T204145_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),
CS_OFFL_SIR_SIN_2_20230301T200036_20230301T200147_E001       model unavailable       Model was used for one or more records         CS_OFFL_SIR_SIN_2_20230301T202958_20230301T203131_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 a was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20230301T204022_20230301T204145_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 a was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20230301T204125_E001       Backscatter Error (Retracker 2), Backscatter error for Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error. Surface model Error Surface model for SARIn mode, and no DEM or Slope Model was used track Angle Error. Surface model for SARIn mode, and no DEM or Slope Model was used track Angle Error. Surface model for SARIn mode, and no DEM or Slope Model was used track Angle Error. Surface model
CS_OFFL_SIR_SIN_2_20230301T202958_20230301T203131_E001       Backscatter Error (Retracker 3), SARIn X track Angle Error       Intere is a backscatter error for Retracker 2 and 3 and an ambiguous a was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20230301T204022_20230301T204145_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracke
CS_OFFL_SIR_SIN_2_20230301T204022_20230301T204145_E001       Backscatter Error (Retracker 3), SARIn x track Angle Error       Interests a backscatter error for Netracker 2 and 3 and an ambiguous a track Angle Error         CS_OFFL_SIR_SIN_2_20230301T211701_20230301T212110_E001       Backscatter Error (Retracker 3), SARIn x track Angle Error, (Retracker 3), SARIn x track Angle Error, Surface model       There is a backscatter error for Retracker 2 and 3 and an ambiguous a detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230301T211701_20230301T212110_E001 Backscatter Error (Retracker 3), SARIN X was detected for SARIn mode, and no DEM or Slope Model was used track Angle Error, Surface model the location for one or more accords
CS_OFFL_SIR_SIN_2_20230301T212848_20230301T212923_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error, Surface model unavailable
CS_OFFL_SIR_SIN_2_20230301T221008_20230301T221132_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error
CS_OFFL_SIR_SIN_2_20230301T221724_20230301T221727_E001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230301T221926_20230301T222038_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error (Retracker 3), SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230301T225651_20230301T225739_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error, Surface model unavailable
CS_OFFL_SIR_SIN_2_20230301T225820_20230301T230025_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more reco
CS_OFFL_SIR_SIN_2_20230301T231247_20230301T231408_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more reco
CS_OFFL_SIR_SIN_2_20230301T234938_20230301T235103_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error
CS_OFFL_SIR_SIN_2_20230301T235617_20230301T235918_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error