

1. Overview

Report Production Date:	09-Dec-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

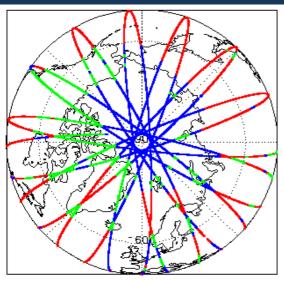
We would	love to hear	from v	vou!

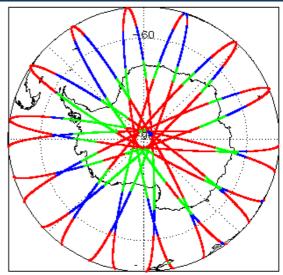
Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2_qc_team@telespazio.com

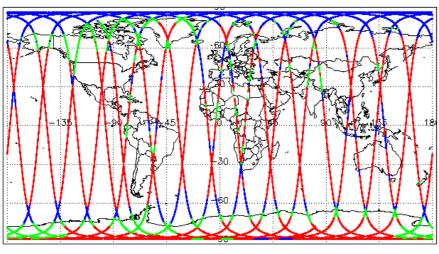
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	See Section 4.5
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	See Section 5.4
L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5
QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3

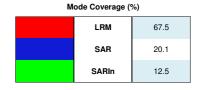
Ī	Mission / Instrument News	
	09-Nov-2022	None
	10-Nov-2022	None
	11-Nov-2022	Nothing planned

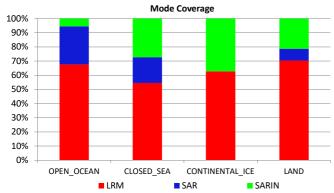
2. Global Coverage

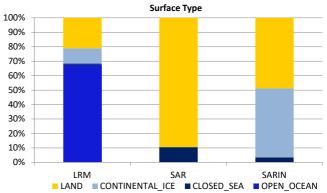












3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

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:

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4.3 Star Tracker Usage Check

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

Number of products with errors:

0

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.

lumber of products with errors:

131

CS_OFF_SR_LRM_18_20221107000285_20221107000245_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_202211107000285_2022110700235_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_202211107000285_2022110700235_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_202211107000285_2021110700235_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_202211107000285_2021110700235_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_202211107000285_2021110700235_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_202211107000285_20221110700285_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20221110700285_20221110700285_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20221110700285_20221110700285_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20221110700285_20221110700285_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20221110700285_20221110700285_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20221110700285_20221110700285_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20221110700285_20221110700285_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20221110700285_20221110700285_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20221110700285_20221110700285_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20221110700285_20221110700285_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20221110700285_20221110700285_E001 Loss of exho The tracking exho is missing for one or more records CS_OFF_SR_LRM_18_20221110700285_2022111
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CS_OFFL_SIR_LRM_18_20221107003401_202211107004331_E001
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CS_OFFL_SIR_LRM_18_20221110T010046_20221110T010318_E001 CS_OFFL_SIR_LRM_18_20221110T010329_20221110T0103131_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T010329_20221110T014321_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T014315_20221110T014323_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T023813_2022110T024323_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T023813_2022110T034312_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T023924_2022110T032428_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T023925_2022110T03228_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T032924_20221110T032925_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T04449_20221110T04207_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T043438_20221110T042415_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T042344_20221110T042415_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T043930_20221110T044935_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T04433_20221110T0443947_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T04433_20221110T04403_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T04433_20221110T04403_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T06031_20221110T06031_E001 Loss of echo The tracking echo is missing for one or more records C
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CS_OFFL_SIR_LRM_18_20221110T014155_20221110T014321_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T024313_20221110T024451_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T0244513_20221110T024282_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T032054_20221110T03228_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T032054_20221110T04228_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T041449_20221110T041746_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T0414932_20221110T04220_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T0434420221110T04230_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T043434_20221110T042415_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T043434_20221110T043457_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T043439_20221110T044035_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T043439_20221110T04400_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T044343_20221110T044330_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T044343_20221110T044355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T043434_20221110T064031_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T066130_20221110T06033_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T069303_20221110T060303_E001 Loss of echo The tracking ec
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CS_OFFL_SIR_LRM_1B_20221110T084234_20221110T084237_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T084239_20221110T084349_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20221110T085659_20221110T085801_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20221110T085854_20221110T085905_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T085907_20221110T085940_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T085942_20221110T085952_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T085955_20221110T090134_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T090139_20221110T090246_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T090248_20221110T090249_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T090254_20221110T090256_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T093444_20221110T093744_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T093850_20221110T095022_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T095618_20221110T095841_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T101332_20221110T102018_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T102158_20221110T102320_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T102322_20221110T103638_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T103641_20221110T103650_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T103653_20221110T103700_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T103703_20221110T103708_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20221110T103710 20221110T103712 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T103715_20221110T103719_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T103722_20221110T103727_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T103803_20221110T104337_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T105531_20221110T105728_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20221110T105850 20221110T110202 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20221110T110721 20221110T111014 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20221110T111016 20221110T111210 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20221110T113406 20221110T114246 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T120831_20221110T120849_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20221110T121457 20221110T121509 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T121512_20221110T121513_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20221110T121515 20221110T121526 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T121536_20221110T121823_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20221110T121833 20221110T122115 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20221110T123601 20221110T130922 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20221110T132529 20221110T134922 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T134925_20221110T134932_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20221110T134936 20221110T135118 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20221110T135122 20221110T135322 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T135428_20221110T135652_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20221110T135654 20221110T135737 E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20221110T135737_20221110T135944_E001 CS_OFFL_SIR_LRM_1B_20221110T142004_20221110T142039_E001	Loss 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
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CS_OFFL_SIR_LRM_1B_20221110T152816_20221110T153011_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T153057_20221110T153205_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T153543_20221110T153715_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T153912_20221110T154003_E001	Loss of echo	The tracking echo is missing for one or more records The tracking cohe is missing for one or more records.
CS_OFFL_SIR_LRM_1B_20221110T165142_20221110T165205_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T165209_20221110T165842_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T165914_20221110T170215_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T170728_20221110T170907_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T171357_20221110T171402_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T171402_20221110T171421_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T174525_20221110T180645_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T183548_20221110T184258_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T184342_20221110T184822_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T191020_20221110T194534_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T204841_20221110T204924_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_IB_20221110T204931_20221110T204946_E001	CS_OFFL_SIR_LRM_1B_20221110T204927_20221110T204928_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T205008_20221110T205017_E001	CS_OFFL_SIR_LRM_1B_20221110T204931_20221110T204936_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T205018_20221110T205017_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205031_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205032_20221110T205047_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205030_20221110T205384_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205302_20221110T205318_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205320_20221110T205426_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205428_20221110T205426_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205428_20221110T205442_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205456_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205536_E0021110T21058_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T210550_E0021110T21058_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T21103_20221110T212516_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T21532_20221110T21550_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T221532_20221110T221550_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T22304_20221110T22304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T22304_20221110T223247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223349_20221110T22334_E001 Loss of echo The tracking echo is missing for one or more reco	CS_OFFL_SIR_LRM_1B_20221110T204938_20221110T204946_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T205019_20221110T205031_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205032_20221110T20504_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205207_20221110T205318_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205320_20221110T2053426_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205428_20221110T205442_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205445_20221110T205445_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205445_20221110T205548_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205562_20221110T210758_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T21103_20221110T212156_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T21459_20221110T215217_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T215323_20221110T215550_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T215350_20221110T221439_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T22344_20221110T223041_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223105_20221110T22324_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T22329_20221110T22324_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T22329_20221110T22324_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T22329_20221110T22324_E001	CS_OFFL_SIR_LRM_1B_20221110T204949_20221110T205004_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T205032_0222110T205204_E001	CS_OFFL_SIR_LRM_1B_20221110T205008_20221110T205017_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T205050_20221110T205204_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205207_20221110T205218_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205428_20221110T205426_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205428_20221110T205518_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205445_20221110T205518_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T205526_20221110T2105518_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T211003_20221110T21516_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T211032_20221110T21517_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T215323_20221110T215550_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T215323_20221110T221439_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T222734_20221110T223041_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223043_20221110T223041_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223043_20221110T223214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223284_20221110T223247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001 Loss of echo The tracki	CS_OFFL_SIR_LRM_1B_20221110T205019_20221110T205031_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20221110T205207_20221110T205318_E001	CS_OFFL_SIR_LRM_1B_20221110T205033_20221110T205047_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20221110T205320_20221110T205426_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T205428_20221110T205518_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T205526_20221110T205518_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T205526_20221110T210758_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T211003_20221110T21516_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T214159_20221110T215217_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T215323_20221110T21550_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T215332_20221110T221439_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T222734_20221110T223041_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T22304_20221110T22314_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T22328_20221110T22324_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T22328_20221110T22334_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T22328_20221110T22334_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T22324_20221110T22334_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T223306_20221110T22334_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T223306_20221110T22334_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20221110T223451_20221110T223451_E001 Loss of echo The tracking echo is mi	CS_OFFL_SIR_LRM_1B_20221110T205050_20221110T205204_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20221110T205445_20221110T205518_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T2150526_20221110T212516_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T2121516_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T2151527_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T215323_20221110T215550_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T215836_20221110T221439_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T222734_20221110T223041_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223043_20221110T223102_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223105_20221110T223214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223219_20221110T223247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224541_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records 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_20221110T205320_20221110T205426_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20221110T211003_20221110T212516_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T215232_20221110T215550_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T215323_20221110T215550_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T215836_20221110T221439_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T222734_20221110T223041_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223043_20221110T223102_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223105_20221110T223214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223219_20221110T223225_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223228_20221110T223247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20221110T205445_20221110T205518_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T214159_20221110T215217_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T215323_20221110T221439_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T222734_20221110T221439_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T222734_20221110T223041_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223043_20221110T223102_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223105_20221110T223214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223219_20221110T223225_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T22328_20221110T223247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T223304_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records 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_20221110T224541_20221110T224824_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20221110T205526_20221110T210758_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T215323_20221110T215550_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T22534_20221110T221439_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T222734_20221110T223041_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223043_20221110T223102_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223105_20221110T223214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223219_20221110T223225_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223228_20221110T223247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20221110T211003_20221110T212516_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T225836_20221110T221439_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T222734_20221110T223041_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223043_20221110T223102_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223105_20221110T223214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223219_20221110T223225_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223228_20221110T223247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T224541_20221110T224424_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20221110T214159_20221110T215217_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T222734_20221110T223041_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223043_20221110T223102_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223105_20221110T223214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223219_20221110T223225_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223228_20221110T223247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records 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_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records 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_20221110T215323_20221110T215550_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T223043_20221110T223102_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223105_20221110T223214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223219_20221110T223225_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223228_20221110T223247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records 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_20221110T224541_20221110T224824_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20221110T215836_20221110T221439_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T223105_20221110T223214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223219_20221110T223225_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223228_20221110T223247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T224541_20221110T224424_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20221110T222734_20221110T223041_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T223219_20221110T223225_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223228_20221110T223247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T224541_20221110T224424_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20221110T223043_20221110T223102_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T223228_20221110T223247_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records 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_20221110T223105_20221110T223214_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T224541_20221110T224824_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20221110T223219_20221110T223225_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20221110T224541_20221110T224824_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20221110T223228_20221110T223247_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T224541_20221110T224824_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20221110T223249_20221110T223304_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20221110T223306_20221110T224122_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221110T231932_20221110T235259_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20221110T224541_20221110T224824_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20221110T231932_20221110T235259_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:

 Product
 Test Failed
 Description

 CS_OFFL_SIR_SIN_1B_20221110T055745_20221110T055749_E001
 Cal1 Correction missing
 The Cal1 correction has not been applied for one or more records

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220221110T031615_20221110T032051_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_LRM_2_20221110T212734_20221110T213236_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_SAR_2_20221110T000743_20221110T000938_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_20221110T010404_20221110T010427_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_20221110T013317_20221110T013513_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_20221110T014638_20221110T014920_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_20221110T021557_20221110T021722_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_20221110T023702_20221110T023813_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_220221110T024323_20221110T024413_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_20221110T031227_20221110T031452_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_20221110T032543_20221110T032952_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_20221110T040340_20221110T040415_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_20221110T041716_20221110T041744_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_20221110T041907_20221110T041938_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_220221110T042619_20221110T042656_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_220221110T044356_20221110T044558_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_220221110T045028_20221110T045432_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_20221110T050426_20221110T050810_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_220221110T052929_20221110T053215_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_20221110T054225_20221110T054407_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_220221110T055112_20221110T055248_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_220221110T055320_20221110T055328_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_220221110T055749_20221110T060109_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_220221110T060120_20221110T060130_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_20221110T060333_20221110T060503_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_220221110T061821_20221110T062008_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_220221110T063019_20221110T063415_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_20221110T064352_20221110T064726_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_20221110T073157_20221110T073314_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_20221110T073328_20221110T073553_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_220221110T080757_20221110T081457_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_20221110T082551_20221110T082655_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_20221110T083225_20221110T083311_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_220221110T083858_20221110T084138_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_220221110T084350_20221110T084829_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_20221110T085510_20221110T085528_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_20221110T092249_20221110T092329_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_220221110T093231_20221110T093444_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_220221110T095022_20221110T095027_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_220221110T100514_20221110T100554_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_220221110T101224_20221110T101332_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_220221110T102018_20221110T102158_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_220221110T103730_20221110T103803_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_220221110T105147_20221110T105302_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
	i ·	falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_220221110T110202_20221110T110333_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_220221110T113035_20221110T113223_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_220221110T114450_20221110T114547_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20221110T120740_20221110T120831_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_220221110T120849_20221110T120927_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_220221110T121526_20221110T121536_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20221110T130922_20221110T131159_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_220221110T132303_20221110T132529_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_220221110T135944_20221110T140059_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_220221110T142039_20221110T142200_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_20221110T144719_20221110T145133_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_20221110T150248_20221110T150443_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_20221110T153011_20221110T153057_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_20221110T153206_20221110T153304_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 20221110T153306 20221110T153357 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20221110T153715 20221110T153827 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_220221110T153841_20221110T153912_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_220221110T155232_20221110T155234_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221110T162721_20221110T163123_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_20221110T164104_20221110T164633_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_20221110T164851_20221110T165140_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_20221110T170907_20221110T171219_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_20221110T171421_20221110T171556_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_20221110T172122_20221110T173041_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_20221110T173141_20221110T173245_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 20221110T174240 20221110T174525 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20221110T180645 20221110T180907 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 20221110T181438 20221110T181446 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 20221110T182019 20221110T182418 E001	·	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	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_220221110T183400_20221110T183548_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_20221110T184823_20221110T185532_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221110T185532_20221110T185644_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_20221110T185732_20221110T185831_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_220221110T194534_20221110T194646_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_20221110T195338_20221110T195344_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_220221110T195351_20221110T195357_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_220221110T195828_20221110T200439_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_20221110T210758_20221110T211003_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20221110T212516 20221110T212552 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_20221110T213236_20221110T213243_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_220221110T213250_20221110T213256_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_220221110T213657_20221110T214159_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221110T215624_20221110T215819_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_220221110T215819_20221110T215836_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_220221110T221738_20221110T221831_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_220221110T224122_20221110T224541_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_220221110T224824_20221110T225003_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_220221110T230345_20221110T230453_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_220221110T231148_20221110T231155_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_20221110T231816_20221110T231932_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
	1	falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_220221110T235259_20221110T235428_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SIN_220221110T000432_20221110T000743_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221110T050118_20221110T050426_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221110T064019_20221110T064351_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221110T081457_20221110T081732_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221110T095028_20221110T095618_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221110T145133_20221110T145528_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221110T163123_20221110T163436_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221110T180907_20221110T181319_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221110T213439_20221110T213657_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221110T231336_20221110T231816_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors: 2

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220221110T000938_20221110T003245_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_220221110T010853_20221110T013317_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_220221110T014920_20221110T021556_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_220221110T021722_20221110T022032_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_220221110T024613_20221110T031226_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_220221110T032952_20221110T040207_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_220221110T041449_20221110T041716_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_220221110T044558_20221110T045028_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_20221110T050810_20221110T052929_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_20221110T053215_20221110T054225_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_220221110T055328_20221110T055745_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_220221110T061335_20221110T061821_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_220221110T062008_20221110T063019_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_220221110T064726_20221110T065219_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_220221110T065229_20221110T072145_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_20221110T073640_20221110T080757_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_220221110T084239_20221110T084349_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_220221110T084829_20221110T085510_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_220221110T090139_20221110T090246_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CS OFFL SIR LRM 2 20221110T091655 20221110T092249 E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20221110T092329_20221110T093231_E001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
	Error (Retracker 2) Height Error (Retracker 2), Height Error	records There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_220221110T093850_20221110T095022_E001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220221110T101332_20221110T102018_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220221110T102158_20221110T102320_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_220221110T102322_20221110T103638_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_20221110T105531_20221110T105728_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_220221110T105850_20221110T110202_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_220221110T110333_20221110T110559_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_220221110T110721_20221110T111014_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_220221110T111016_20221110T111210_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	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_220221110T111501_20221110T113035_E001	(Retracker 2) 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_220221110T114547_20221110T120740_E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2 _20221110T123601_20221110T130922_E001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
00_0112_011_21111_2202211101120001_2022111011000222_2001	Error (Retracker 2) Height Error (Retracker 2), Height Error	records There is a height and backscatter error for Retracker 2, a height error for
CS_OFFL_SIR_LRM_2_20221110T132529_20221110T134922_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221110T134936_20221110T135118_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221110T142004_20221110T142039_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_20221110T142200_20221110T144719_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_220221110T150443_20221110T152513_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_220221110T152529_20221110T152812_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_220221110T153912_20221110T154003_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_220221110T155352_20221110T162721_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_220221110T171723_20221110T172122_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 _20221110T173245_20221110T174240_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error
CS OFFL SIR LRM 2 20221110T174525 20221110T180645 E001	(Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error
CS OFFL SIR LRM 2 20221110T182418 20221110T183400 E001	(Retracker 2) Height Error (Retracker 2), Backscatter	for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more
	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220221110T183548_20221110T184258_E001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220221110T184342_20221110T184822_E001	Height Error (Retracker 3) Height Error (Retracker 2), Height Error	There is a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220221110T191020_20221110T194534_E001	(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_220221110T200439_20221110T203454_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_220221110T204949_20221110T205004_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20221110T205207_20221110T205318_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_220221110T205526_20221110T210758_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_220221110T211003_20221110T212516_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_220221110T214159_20221110T215217_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_220221110T215836_20221110T221439_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_220221110T224541_20221110T224824_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_220221110T231932_20221110T235259_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_220221110T235428_20221110T235514_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_SAR_220221110T000743_20221110T000938_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T004923_20221110T005804_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T013317_20221110T013513_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T014638_20221110T014920_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T021557_20221110T021722_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T022616_20221110T023356_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T023411_20221110T023522_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T023608_20221110T023645_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T023702_20221110T023813_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T031227_20221110T031452_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T032543_20221110T032952_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T040550_20221110T041212_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T041212_20221110T041449_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T041907_20221110T041938_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T042619_20221110T042656_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T044356_20221110T044558_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T045028_20221110T045432_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T050426_20221110T050810_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T052929_20221110T053215_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T054225_20221110T054407_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T054411_20221110T055112_E001	Backscatter Error (Retracker 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_20221110T055112_20221110T055248_E001	Backscatter Error (Retracker 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_20221110T055320_20221110T055328_E001	Backscatter Error (Retracker 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_20221110T055749_20221110T060109_E001	Backscatter Error (Retracker 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_20221110T060333_20221110T060503_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T061821_20221110T062008_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T063019_20221110T063415_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T064352_20221110T064726_E001	Backscatter Error (Retracker 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_20221110T072345_20221110T072512_E001	Backscatter Error (Retracker 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_20221110T072520_20221110T073010_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_220221110T073010_20221110T073134_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T073157_20221110T073314_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T073328_20221110T073553_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T080757_20221110T081457_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T082551_20221110T082655_E001	Backscatter Error (Retracker 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_20221110T083225_20221110T083311_E001	Backscatter Error (Retracker 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_20221110T083858_20221110T084138_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T084350_20221110T084829_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T085510_20221110T085528_E001	Backscatter Error (Retracker 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_20221110T090319_20221110T090854_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T090855_20221110T091006_E001	Backscatter Error (Retracker 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_20221110T092249_20221110T092329_E001	Backscatter Error (Retracker 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_20221110T095022_20221110T095027_E001	Backscatter Error (Retracker 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_20221110T100514_20221110T100554_E001	Backscatter Error (Retracker 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_20221110T101224_20221110T101332_E001	Backscatter Error (Retracker 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_20221110T102018_20221110T102158_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T104338_20221110T104430_E001	Backscatter Error (Retracker 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_20221110T104534_20221110T104628_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T104628_20221110T104936_E001	Backscatter Error (Retracker 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_20221110T105147_20221110T105302_E001	Backscatter Error (Retracker 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_20221110T110202_20221110T110333_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T113035_20221110T113223_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T114450_20221110T114547_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T120740_20221110T120831_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T122115_20221110T122157_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T122157_20221110T122850_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T130922_20221110T131159_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T132303_20221110T132529_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T135944_20221110T140059_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T140142_20221110T140334_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T140352_20221110T140917_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T142039_20221110T142200_E001	Backscatter Error (Retracker 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_20221110T144719_20221110T145133_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 OFFI CID CAR 0. 00004440T4F0040 00004440T4F0440 F004	Backscatter Error (Retracker 2),	There is a health arms for Debrahar O and O for one or years
CS_OFFL_SIR_SAR_220221110T150248_20221110T150443_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_220221110T153011_20221110T153057_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T153206_20221110T153304_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T154129_20221110T154213_E001	Backscatter Error (Retracker 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_20221110T154219_20221110T154235_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T154301_20221110T155055_E001	Backscatter Error (Retracker 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_20221110T162721_20221110T163123_E001	Backscatter Error (Retracker 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_20221110T164104_20221110T164633_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T164851_20221110T165140_E001	Backscatter Error (Retracker 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_20221110T170907_20221110T171219_E001	Backscatter Error (Retracker 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_20221110T171421_20221110T171556_E001	Backscatter Error (Retracker 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_20221110T172122_20221110T173041_E001	Backscatter Error (Retracker 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_20221110T173049_20221110T173131_E001	Backscatter Error (Retracker 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_20221110T173141_20221110T173245_E001	Backscatter Error (Retracker 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_20221110T174240_20221110T174525_E001	Backscatter Error (Retracker 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_20221110T180645_20221110T180907_E001	Backscatter Error (Retracker 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_20221110T182019_20221110T182418_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T183400_20221110T183548_E001	Backscatter Error (Retracker 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_20221110T184823_20221110T185532_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T185532_20221110T185644_E001	Backscatter Error (Retracker 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_20221110T185732_20221110T185831_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T190232_20221110T190954_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T194534_20221110T194646_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T195828_20221110T200439_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T204129_20221110T204710_E001	Backscatter Error (Retracker 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_20221110T204725_20221110T204841_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T210758_20221110T211003_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T212516_20221110T212552_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T213657_20221110T214159_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T221738_20221110T221831_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T222044_20221110T222734_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T224122_20221110T224541_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T224824_20221110T225003_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221110T230345_20221110T230453_E001	Backscatter Error (Retracker 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_20221110T231816_20221110T231932_E001	Backscatter Error (Retracker 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_20221110T235259_20221110T235428_E001	Backscatter Error (Retracker 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_20221110T235909_20221111T000427_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220221110T000432_20221110T000743_E001	Backscatter Error (Retracker 3) 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_20221110T004535_20221110T004923_E001	track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220221110T010509_20221110T010853_E001	unavailable 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_220221110T013513_20221110T013629_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_220221110T014521_20221110T014638_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_220221110T022032_20221110T022616_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_220221110T023357_20221110T023411_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_220221110T023522_20221110T023608_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_220221110T023645_20221110T023701_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_220221110T031452_20221110T031615_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_220221110T032052_20221110T032054_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221110T032428_20221110T032543_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_220221110T040207_20221110T040340_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_220221110T040416_20221110T040550_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_220221110T041744_20221110T041907_E001	Backscatter Error (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_220221110T042415_20221110T042619_E001	Backscatter Error (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_220221110T045432_20221110T045557_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_220221110T050118_20221110T050426_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_20221110T055248_20221110T055319_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_220221110T055745_20221110T055749_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Calibration Warning	#N/A
CS_OFFL_SIR_SIN_220221110T061006_20221110T061335_E001	Backscatter Error (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_220221110T063416_20221110T063641_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_220221110T064019_20221110T064351_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_220221110T065220_20221110T065229_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_220221110T072512_20221110T072520_E001	Backscatter Error (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_220221110T073134_20221110T073156_E001	Backscatter Error (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_220221110T073314_20221110T073328_E001	Backscatter Error (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_220221110T073553_20221110T073640_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

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CS_OFFL_SIR_SIN_2_20221110T081457_20221110T081732_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_20221110T081925_20221110T082217_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221110T082400_20221110T082551_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_20221110T085528_20221110T085659_E001	Backscatter Error (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_20221110T091006_20221110T091127_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_20221110T091538_20221110T091655_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_20221110T095028_20221110T095618_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_220221110T095841_20221110T095912_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20221110T100335_20221110T100514_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_20221110T104430_20221110T104533_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_20221110T104936_20221110T105147_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_220221110T105303_20221110T105531_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_220221110T105728_20221110T105850_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_20221110T110559_20221110T110721_E001	Backscatter Error (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_20221110T111210_20221110T111501_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_20221110T113224_20221110T113406_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_220221110T114246_20221110T114450_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_20221110T120927_20221110T121241_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_20221110T121333_20221110T121457_E001	model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20221110T122850_20221110T123338_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_220221110T131159_20221110T131324_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_20221110T131511_20221110T131611_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20221110T132043_20221110T132303_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_20221110T140059_20221110T140142_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_220221110T140334_20221110T140352_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_20221110T140918_20221110T142004_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_20221110T145133_20221110T145528_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_20221110T150121_20221110T150248_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_20221110T154003_20221110T154022_E001	Backscatter Error (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_20221110T154213_20221110T154219_E001	Backscatter Error (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_20221110T154235_20221110T154301_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_20221110T155055_20221110T155159_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

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Declaration (Principles 2) 2,002(11)0718(35) 202(11)0718(35) 2,002	CS_OFFL_SIR_SIN_2_20221110T155237_20221110T155352_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
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model unwenibable Model and time (Ferniber 2), BARN 1 Badecaster Error (Ferniber 2), BARN 1 Badecaster Error (Ferniber 2), BARN 2 Badecaster Error (Ferniber 2), BARN 3 B	CS_OFFL_SIR_SIN_2_20221110T163953_20221110T164104_E001	Backscatter Error (Retracker 3), SARIn X	
So. OFFL. SIR. SIN. 2_20221107173041_20221107173141_E001 Subsectional Error (Pricespore 2), SARAPs with the selection for one mone months or between from or one mone months. Society of the control of the selection for one or mone months. Society of the control of the selection for one or mone months. Society of the control of the selection for one or mone months. Society of the control of the selection for one or mone months. Society of the selection for society of the selecti	CS_OFFL_SIR_SIN_2_20221110T171219_20221110T171357_E001		
Rackscatter form (Fernacker 3)	CS_OFFL_SIR_SIN_2_20221110T171556_20221110T171723_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
Backscatter Error (Retrocker 3) CS_OFFL_SIR_SN_2_2022110T180907_2022110T18019_E001 Backscatter Error (Retrocker 2) Backscatt	CS_OFFL_SIR_SIN_2_20221110T173041_20221110T173049_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
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Backscatter Error (Febracker 2), SARIN X more is a backscatter error for Petracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records. Soft-Lising Sin 2_2021110719654, 20221110719623 E001 Backscatter Error (Febracker 3), SARIN X more is a backscatter error for Petracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records. There is a backscatter error for Petracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records. There is a backscatter error for Petracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records. There is a backscatter error for Petracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records. Backscatter Error (Febracker 2), SARIN X more is a backscatter error for Petracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records. Backscatter Error (Febracker 2), SARIN X more is a backscatter error for Petracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records. Backscatter Error (Febracker 2), SARIN X more is a backscatter error for Petracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records. Backscatter Error (Febracker 2), SARIN X more is a backscatter error for Petracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records. Backscatter Error (Febracker 2), Backscatter Error (Febracker 2), Backscatter error for Petracker 2 and 3 in one or more records and Angle Error Backscatter Error (Febracker 2), Backscatter error for Petracker 2 and 3 for one or more records and Angle Error CS_OFFL_SIR_SIN_2_202211107213552_20221110721375_E001 Backscatter Error (Febracker 2), Backscatter Error (Febracker 2), Backscatter error for Petracker 2 and 3 for one or more records and Angle Error CS_OFFL_SIR_SIN_2_202211107213552_202211107213557_E001 Backscatter Error (Febracker 2), SARIN X more is a backscatter error for Petracker	CS_OFFL_SIR_SIN_2_20221110T181853_20221110T182018_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error	
Sex-Section From (Petracker 2), SARIN X 2 20221110719464 20221110719482 E001 Sex-Section From (Petracker 2), SARIN X 1 2 20221110719464 20221110719482 E001 Sex-Section From (Petracker 2), SARIN X 1 2 202211107195644 20221110719682 E001 Sex-Section From (Petracker 2), SARIN X 1 2 20221110719664 20221110719682 E001 Sex-Section From (Petracker 2), SARIN X 1 2 20221110719664 20221110719682 E001 Sex-Section From (Petracker 2), SARIN X 1 2 20221110719664 20221110719682 E001 Sex-Section From (Petracker 2), SARIN X 1 2 20221110719664 20221110719682 E001 Sex-Section From (Petracker 2), SARIN X 1 2 20221110719664 20221110719682 E001 Sex-Section From (Petracker 2), SARIN X 1 2 20221110719664 20221110719668 SARIN X 1 2 2022111071968 SARIN X 1 2 20221110719668 SARIN X 1 2 2022111071968 SARIN X 1 2 202211107196	CS_OFFL_SIR_SIN_2_20221110T185644_20221110T185731_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
Sc. OFFL_SIR_SIN_2_20221110T194646_20221110T194821_E001 Backscatter Fror (Fletracker 2), SARIIN / Backscatter Fror (Fletracker 2),	CS_OFFL_SIR_SIN_2_20221110T185831_20221110T190232_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error	
Sackscatter Error (Retracker 2), SARIN X addetected for SARIn mode for one or more records track Angle Error CS_OFFL_SIR_SIN_2_20221110T204034_20221110T204035_E001 Backscatter Error (Retracker 2), SARIN X addetected for SARIn mode for one or more records track Angle Error CS_OFFL_SIR_SIN_2_20221110T204034_20221110T204129_E001 Backscatter Error (Retracker 3), SARIN X addetected for SARIn mode for one or more records Backscatter Error (Retracker 3), SARIN X addetected for SARIn mode for one or more records Backscatter Error (Retracker 3), SARIN X addetected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20221110T204710_20221110T204725_E001 Backscatter Error (Retracker 3), SARIN X addetected for SARIn mode for one or more records Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X addetected for SARIn mode for one or more records Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X addetected for SARIn mode for one or more records Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X and SARIN X addetected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20221110T213306_20221110T213315_E001 SARIN_X-track Angle Error SARIN_X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20221110T21349_20221110T221737_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error SARIN_X-track Angle Error CS_OFFL_SIR_SIN_2_20221110T221439_20221110T22044_E001 CS_OFFL_SIR_SIN_2_20221110T23044_20221110T230648_E001 Backscatter Error (Retracker 2), Backsca	CS_OFFL_SIR_SIN_2_20221110T194646_20221110T194821_E001	Backscatter Error (Retracker 3), SARIn X	
Backscatter Error (Retracker 3), SARIN X mode for one or more records sackscatter error (Retracker 2), Backscatter Error (Retracker 3), SARIN X mode for one or more records was detected for SARIn mode for one or more records was detected for SARIn mode for one or more records was detected for SARIn mode for one or more records was detected for SARIn mode for one or more records Each scatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X more is a backscatter error for Retracker 2 and 3 for one or more records Each scatter Error (Retracker 3), SARIN X more is a backscatter error for Retracker 2 and 3 for one or more records Each scatter Error (Retracker 3), SARIN X more is a backscatter error for Retracker 2 and 3 for one or more records Each scatter Error (Retracker 3), SARIN X more is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records Each scatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X more is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode for one or more records track Angle Error Surface model unavable in the location for one or more records was detected f	CS_OFFL_SIR_SIN_2_20221110T195644_20221110T195828_E001	Backscatter Error (Retracker 3), SARIn X	
Backscatter Error (Retracker 3), SARIIN X and effected for SARIIn mode for one or more records CS_OFFL_SIR_SIN_2_20221110T204710_20221110T204725_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SIN_2_20221110T212552_20221110T212734_E001 Backscatter Error (Retracker 3), SARIIN X track Angle Error CS_OFFL_SIR_SIN_2_20221110T213308_20221110T213315_E001 SARIIN_X-track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIIN X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIIN X track Angle Error Backscatter Error (Retracker 3), SARIIN X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIIN X track Angle Error (Retracker 2), SARIIN X track Angle Error (Retracker 3), SARIIN X track Angle Error (Retracker 3)	CS_OFFL_SIR_SIN_2_20221110T203455_20221110T203635_E001	Backscatter Error (Retracker 3), SARIn X	
Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3)	CS_OFFL_SIR_SIN_2_20221110T204034_20221110T204129_E001	Backscatter Error (Retracker 3), SARIn X	
Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3), SARIN X track Angle Error CS_OFFL_SIR_SIN_2_20221110T213308_20221110T213315_E001 SARIN X-track Angle Error SARIN X-track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable unavailable in Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable in Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable in Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable in Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error SARIN X-track Angle Error SARIN X-track Angle Error SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records Backscatter Error (Retracker 3), SARIN X track Angle Error Backscatter Error (Retracker	CS_OFFL_SIR_SIN_2_20221110T204710_20221110T204725_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3), SARIN X track Angle Error CS_OFFL_SIR_SIN_2_20221110T213308_20221110T213315_E001 SARIN X-track Angle Error 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 track Angle Error (Retracker 2), SARIN X-track Angle Error (Retracker 2), SARIN X-track Angle Error An ambiguous angle was detected for SARIN mode, and no DEM or Slope Model was used for the location for one or more records SARIN X-track Angle Error SARIN X-track Angle Error An ambiguous angle was detected for SARIN mode for one or more records SARIN X-track Angle Error An ambiguous angle was detected for SARIN mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIN mode for one or more records SARIN X-track Angle Error An ambiguous angle was detected for SARIN mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIN mode for one or more records There is a backscatter error for Retracker	CS_OFFL_SIR_SIN_2_20221110T205519_20221110T205526_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20221110T213396_20221110T213657_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221110T23123_20221110T231230_E001 SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records SARIn X-track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221110T231336_20221110T231816_E001 Backscatter Error (Retracker 2), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221110T231336_20221110T231816_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker	CS_OFFL_SIR_SIN_2_20221110T212552_20221110T212734_E001	Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20221110T213439_20221110T221737_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 Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20221110T221832_20221110T22044_E001 CS_OFFL_SIR_SIN_2_20221110T230454_20221110T230648_E001 CS_OFFL_SIR_SIN_2_20221110T230454_20221110T230648_E001 CS_OFFL_SIR_SIN_2_20221110T231232_20221110T231230_E001 CS_OFFL_SIR_SIN_2_20221110T231336_20221110T231816_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221110T231336_20221110T231816_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221110T231336_20221110T231816_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221110T231336_20221110T231816_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221110T231336_20221110T231816_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221110T231336_20221110T231816_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221110T235515_20221110T235909_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error	CS_OFFL_SIR_SIN_2_20221110T213308_20221110T213315_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 Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20221110T230454_20221110T230648_E001 CS_OFFL_SIR_SIN_2_20221110T231223_20221110T231230_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for	CS_OFFL_SIR_SIN_2_20221110T213439_20221110T213657_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error	
Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20221110T230454_20221110T230648_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records	CS_OFFL_SIR_SIN_2_20221110T221439_20221110T221737_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_20221110T230454_20221110T230648_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error 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 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_20221110T231336_20221110T231816_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20221110T235515_20221110T235909_E001 CS_OFFL_SIR_SIN_2_20221110T235515_20221110T235909_E001	CS_OFFL_SIR_SIN_2_20221110T221832_20221110T222044_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_20221110T231336_20221110T231816_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	CS_OFFL_SIR_SIN_2_20221110T230454_20221110T230648_E001	Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_220221110T231336_20221110T231816_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records.	CS_OFFL_SIR_SIN_2_20221110T231223_20221110T231230_E001	SARIn X-track Angle Error	
CS_OFFL_SIR_SIN_2_20221110T235515_20221110T235909_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 the location for one or more records.	CS_OFFL_SIR_SIN_2_20221110T231336_20221110T231816_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error	
	CS_OFFL_SIR_SIN_2 _20221110T235515_20221110T235909_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