

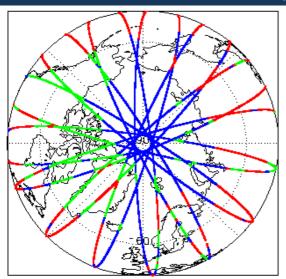
1. Overview

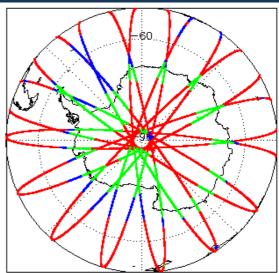
Report Production Date:	30-Mar-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

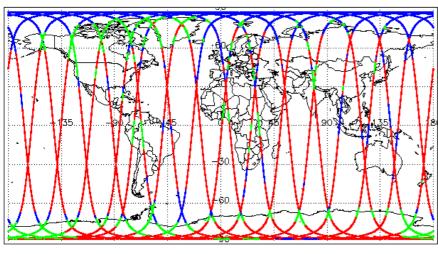
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

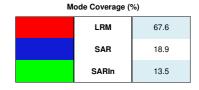
Mission / Instru	ment News
26-Feb-2022	None
27-Feb-2022	None
28-Feb-2022	Nothing planned

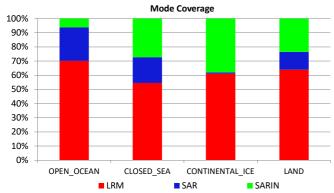
2. Global Coverage

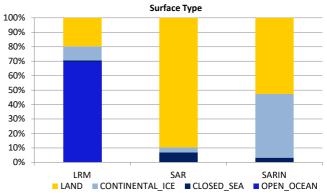












3. Instrument Configuration

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 NetCDF product file (.nc).

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:

Product Test Failed CS_OFFL_SIR_LRM_1B_20220227T001019_20220227T001600_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 20220227T001844 20220227T004258 E001 Loss of echo CS_OFFL_SIR_LRM_1B_20220227T004521_20220227T005355_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T005602_20220227T012138_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T012402_20220227T012420_E001 Loss of echo The tracking echo is missing for one or more records CS OFFL SIR LRM 1B 20220227T012542 20220227T012544 E001 Loss of echo The tracking echo is missing for one or more records CS OFFL SIR LRM 1B 20220227T012642 20220227T013009 E001 Loss of echo The tracking echo is missing for one or more records CS OFFL SIR LRM 1B 20220227T014507 20220227T014555 E001 Loss of echo The tracking echo is missing for one or more records CS OFFL SIR LRM 1B 20220227T014717 20220227T015122 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T015318_20220227T015516_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T015519_20220227T015618_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T015622_20220227T022153_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T023445_20220227T030255_E001 Loss of echo The tracking echo is missing for one or more records CS OFFL SIR LRM 1B 20220227T030257 20220227T030517 E001 Loss of echo The tracking echo is missing for one or more records CS OFFL SIR LRM 1B 20220227T030553 20220227T030809 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T030809_20220227T031034_E001 Loss of echo The tracking echo is missing for one or more records CS OFFL SIR LRM 1B 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20220227T062445 E001 Loss of echo The tracking echo is missing for one or more records CS OFFL SIR LRM 1B 20220227T071302 20220227T071904 E001 Loss of echo The tracking echo is missing for one or more records CS OFFL SIR LRM 1B 20220227T082123 20220227T082140 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T082142_20220227T082246_E001 oss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T084541_20220227T085050_E001 Loss of echo The tracking echo is missing for one or more records CS OFFL SIR LRM 1B 20220227T085131 20220227T085805 E001 The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T091602_20220227T092827_E001 The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T100017_20220227T100028_E001 The tracking echo is missing for one or more records oss of echo CS OFFL SIR LRM 1B 20220227T100031 20220227T100034 E001 Loss of echo The tracking echo 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more records CS OFFL SIR LRM 1B 20220227T100357 20220227T100431 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T100435_20220227T100454_E001 Loss of echo The tracking echo is missing for one or more records CS OFFL SIR LRM 1B 20220227T100519 20220227T100602 E001 Loss of echo The tracking echo is missing for one or more records CS OFFL SIR LRM 1B 20220227T100821 20220227T101929 E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T102335_20220227T103705_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T105811_20220227T110214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220227T110218_20220227T110233_E001 Loss of echo The tracking echo is missing for one or more records

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CS_OFFL_SIR_LRM_1B_20220227T110314_20220227T110430_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T111016_20220227T112252_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T113859_20220227T114335_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T114337_20220227T114351_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T114429_20220227T114436_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220227T114439_20220227T114439_E001		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T114443_20220227T114528_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T114531_20220227T114545_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T114547_20220227T114935_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T114939_20220227T114945_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T114948_20220227T114950_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T114953_20220227T114953_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T114956_20220227T114958_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T115001_20220227T115006_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T115008_20220227T115032_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220227T115120 20220227T115236 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220227T122346 20220227T122503 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T122906_20220227T125619_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T125855_20220227T130413_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T130537_20220227T130626_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T131826_20220227T132514_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T132952_20220227T135016_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T145854_20220227T150715_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T150719_20220227T150738_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T150740_20220227T152115_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T152117_20220227T153526_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T153650_20220227T154138_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220227T154144 20220227T154514 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T163615_20220227T163750_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T164238_20220227T164330_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T164517_20220227T164617_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220227T164759 20220227T165622 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T165728_20220227T170112_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T170211_20220227T170546_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T182152_20220227T182249_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T182535_20220227T183104_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T185610_20220227T190107_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220227T190638 20220227T193953 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_20220227T194248_20220227T194248_E001	Loss of echo	
CS_OFFL_SIR_LRM_1B_20220227T194250_20220227T194308_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T194312_20220227T194326_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T194328_20220227T194341_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220227T194343 20220227T194416 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220227T204652 20220227T210304 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T210307_20220227T210322_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220227T210324_20220227T210434_E001	Loss of echo	
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CS_OFFL_SIR_LRM_1B_20220227T212036_20220227T212049_E001 CS_OFFL_SIR_LRM_1B_20220227T212053_20220227T212132_E001 CS_OFFL_SIR_LRM_1B_20220227T212136_20220227T212214_E001 CS_OFFL_SIR_LRM_1B_20220227T21219_20220227T212224_E001 CS_OFFL_SIR_LRM_1B_20220227T212224_20220227T212259_E001 CS_OFFL_SIR_LRM_1B_20220227T212224_20220227T212259_E001 CS_OFFL_SIR_LRM_1B_20220227T212303_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212341_E001 CS_OFFL_SIR_LRM_1B_20220227T215533_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T225533_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T222603_20220227T224104_E001 CS_OFFL_SIR_LRM_1B_20220227T222603_20220227T225917_E001 CS_OFFL_SIR_LRM_1B_20220227T225728_20220227T225917_E001 CS_OFFL_SIR_LRM_1B_20220227T225728_20220227T225935_E001 CS_OFFL_SIR_LRM_1B_20220227T225941_20220227T225946_E001 CS_OFFL_SIR_LRM_1B_20220227T225941_20220227T230326_E001 CS_OFFL_SIR_LRM_1B_20220227T225950_20220227T230438_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T231926_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T233196_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T233103_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_20220227T212036_20220227T212049_E001 CS_OFFL_SIR_LRM_1B_20220227T212053_20220227T212132_E001 CS_OFFL_SIR_LRM_1B_20220227T212136_20220227T212214_E001 CS_OFFL_SIR_LRM_1B_20220227T21219_20220227T212224_E001 CS_OFFL_SIR_LRM_1B_20220227T212224_20220227T212225_E001 CS_OFFL_SIR_LRM_1B_20220227T212224_20220227T212259_E001 CS_OFFL_SIR_LRM_1B_20220227T212303_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212319_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212341_E001 CS_OFFL_SIR_LRM_1B_20220227T215533_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T221715_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T222603_20220227T224104_E001 CS_OFFL_SIR_LRM_1B_20220227T222603_20220227T225917_E001 CS_OFFL_SIR_LRM_1B_20220227T225728_20220227T225917_E001 CS_OFFL_SIR_LRM_1B_20220227T225919_20220227T225935_E001 CS_OFFL_SIR_LRM_1B_20220227T225919_20220227T225946_E001 CS_OFFL_SIR_LRM_1B_20220227T225950_2022027T230326_E001 CS_OFFL_SIR_LRM_1B_20220227T230429_20220227T230438_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T231926_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T23313_E001 CS_OFFL_SIR_LRM_1B_20220227T23038_20220227T23313_E001 CS_OFFL_SIR_LRM_1B_20220227T23038_20220227T23333_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_20220227T212036_2022027T212049_E001 CS_OFFL_SIR_LRM_1B_20220227T212053_20220227T212132_E001 CS_OFFL_SIR_LRM_1B_20220227T212136_20220227T212214_E001 CS_OFFL_SIR_LRM_1B_20220227T21219_20220227T212224_E001 CS_OFFL_SIR_LRM_1B_20220227T21224_20220227T2122259_E001 CS_OFFL_SIR_LRM_1B_20220227T212224_20220227T212351_E001 CS_OFFL_SIR_LRM_1B_20220227T212303_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212341_E001 CS_OFFL_SIR_LRM_1B_20220227T215533_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T221715_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T222603_20220227T224104_E001 CS_OFFL_SIR_LRM_1B_20220227T222603_20220227T225917_E001 CS_OFFL_SIR_LRM_1B_20220227T225728_20220227T225917_E001 CS_OFFL_SIR_LRM_1B_20220227T225919_20220227T225946_E001 CS_OFFL_SIR_LRM_1B_20220227T225941_20220227T225946_E001 CS_OFFL_SIR_LRM_1B_20220227T225941_20220227T230326_E001 CS_OFFL_SIR_LRM_1B_20220227T230429_20220227T230438_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T231926_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T233130_E001 CS_OFFL_SIR_LRM_1B_20220227T23038_20220227T233330_E001 CS_OFFL_SIR_LRM_1B_20220227T232383_20220227T233330_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_20220227T212036_20220227T212049_E001 CS_OFFL_SIR_LRM_1B_20220227T212053_20220227T212132_E001 CS_OFFL_SIR_LRM_1B_20220227T212136_20220227T212214_E001 CS_OFFL_SIR_LRM_1B_20220227T21219_20220227T212224_E001 CS_OFFL_SIR_LRM_1B_20220227T212224_20220227T212225_E001 CS_OFFL_SIR_LRM_1B_20220227T212224_20220227T212259_E001 CS_OFFL_SIR_LRM_1B_20220227T212303_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212319_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212341_E001 CS_OFFL_SIR_LRM_1B_20220227T215533_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T221715_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T222603_20220227T224104_E001 CS_OFFL_SIR_LRM_1B_20220227T222603_20220227T225917_E001 CS_OFFL_SIR_LRM_1B_20220227T225728_20220227T225917_E001 CS_OFFL_SIR_LRM_1B_20220227T225919_20220227T225935_E001 CS_OFFL_SIR_LRM_1B_20220227T225919_20220227T225946_E001 CS_OFFL_SIR_LRM_1B_20220227T225950_2022027T230326_E001 CS_OFFL_SIR_LRM_1B_20220227T230429_20220227T230438_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T231926_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T23313_E001 CS_OFFL_SIR_LRM_1B_20220227T23038_20220227T23313_E001 CS_OFFL_SIR_LRM_1B_20220227T23038_20220227T23333_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_20220227T212036_2022027T212049_E001 CS_OFFL_SIR_LRM_1B_20220227T212053_20220227T212132_E001 CS_OFFL_SIR_LRM_1B_20220227T212136_20220227T212214_E001 CS_OFFL_SIR_LRM_1B_20220227T21219_20220227T212224_E001 CS_OFFL_SIR_LRM_1B_20220227T21224_20220227T2122259_E001 CS_OFFL_SIR_LRM_1B_20220227T212224_20220227T212351_E001 CS_OFFL_SIR_LRM_1B_20220227T212303_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212341_E001 CS_OFFL_SIR_LRM_1B_20220227T215533_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T221715_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T222603_20220227T224104_E001 CS_OFFL_SIR_LRM_1B_20220227T222603_20220227T225917_E001 CS_OFFL_SIR_LRM_1B_20220227T225728_20220227T225917_E001 CS_OFFL_SIR_LRM_1B_20220227T225919_20220227T225946_E001 CS_OFFL_SIR_LRM_1B_20220227T225941_20220227T225946_E001 CS_OFFL_SIR_LRM_1B_20220227T225941_20220227T230326_E001 CS_OFFL_SIR_LRM_1B_20220227T230429_20220227T230438_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T231926_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T233130_E001 CS_OFFL_SIR_LRM_1B_20220227T23038_20220227T233330_E001 CS_OFFL_SIR_LRM_1B_20220227T232383_20220227T233330_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_20220227T212036_2022027T212049_E001 CS_OFFL_SIR_LRM_1B_20220227T212053_20220227T212132_E001 CS_OFFL_SIR_LRM_1B_20220227T212136_20220227T212214_E001 CS_OFFL_SIR_LRM_1B_20220227T21219_20220227T212224_E001 CS_OFFL_SIR_LRM_1B_20220227T21224_20220227T2122259_E001 CS_OFFL_SIR_LRM_1B_20220227T2122303_20220227T2122315_E001 CS_OFFL_SIR_LRM_1B_20220227T212303_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212341_E001 CS_OFFL_SIR_LRM_1B_20220227T215533_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T221715_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T221715_20220227T221014_E001 CS_OFFL_SIR_LRM_1B_20220227T22503_20220227T224104_E001 CS_OFFL_SIR_LRM_1B_20220227T22503_2020227T225917_E001 CS_OFFL_SIR_LRM_1B_20220227T225728_20220227T225917_E001 CS_OFFL_SIR_LRM_1B_20220227T225919_20220227T225946_E001 CS_OFFL_SIR_LRM_1B_20220227T225941_20220227T225946_E001 CS_OFFL_SIR_LRM_1B_20220227T225950_20220227T230326_E001 CS_OFFL_SIR_LRM_1B_20220227T230429_20220227T230438_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T231926_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T232833_E001 CS_OFFL_SIR_LRM_1B_20220227T233108_20220227T233130_E001 CS_OFFL_SIR_LRM_1B_20220227T2332836_20220227T233139_E001 CS_OFFL_SIR_LRM_1B_20220227T2333132_20220227T2333139_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_20220227T212036_2022027T212049_E001 CS_OFFL_SIR_LRM_1B_20220227T212053_20220227T212132_E001 CS_OFFL_SIR_LRM_1B_20220227T212136_20220227T212214_E001 CS_OFFL_SIR_LRM_1B_20220227T21219_20220227T212224_E001 CS_OFFL_SIR_LRM_1B_20220227T212219_20220227T2122259_E001 CS_OFFL_SIR_LRM_1B_20220227T212224_20220227T212259_E001 CS_OFFL_SIR_LRM_1B_20220227T212303_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212341_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212341_E001 CS_OFFL_SIR_LRM_1B_20220227T215533_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T221715_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T221715_20220227T221014_E001 CS_OFFL_SIR_LRM_1B_20220227T222603_20220227T224104_E001 CS_OFFL_SIR_LRM_1B_20220227T225603_20220227T225726_E001 CS_OFFL_SIR_LRM_1B_20220227T225728_20220227T225917_E001 CS_OFFL_SIR_LRM_1B_20220227T225919_20220227T225935_E001 CS_OFFL_SIR_LRM_1B_20220227T225941_20220227T225946_E001 CS_OFFL_SIR_LRM_1B_20220227T225950_20220227T230326_E001 CS_OFFL_SIR_LRM_1B_20220227T230429_20220227T230438_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T231926_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T232833_E001 CS_OFFL_SIR_LRM_1B_20220227T233180_2020227T233130_E001 CS_OFFL_SIR_LRM_1B_20220227T233183_20220227T233139_E001 CS_OFFL_SIR_LRM_1B_20220227T233132_20220227T233139_E001 CS_OFFL_SIR_LRM_1B_20220227T233134_20220227T233149_E001 CS_OFFL_SIR_LRM_1B_20220227T233144_20220227T233149_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_20220227T212036_2022027T212049_E001 CS_OFFL_SIR_LRM_1B_20220227T212053_20220227T212132_E001 CS_OFFL_SIR_LRM_1B_20220227T212136_20220227T212214_E001 CS_OFFL_SIR_LRM_1B_20220227T21219_20220227T212224_E001 CS_OFFL_SIR_LRM_1B_20220227T212219_20220227T2122259_E001 CS_OFFL_SIR_LRM_1B_20220227T212224_20220227T212259_E001 CS_OFFL_SIR_LRM_1B_20220227T212303_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212334_E001 CS_OFFL_SIR_LRM_1B_20220227T212337_20220227T212341_E001 CS_OFFL_SIR_LRM_1B_20220227T215533_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T221715_20220227T221018_E001 CS_OFFL_SIR_LRM_1B_20220227T221715_20220227T221014_E001 CS_OFFL_SIR_LRM_1B_20220227T222603_20220227T224104_E001 CS_OFFL_SIR_LRM_1B_20220227T225603_20220227T225726_E001 CS_OFFL_SIR_LRM_1B_20220227T225728_20220227T225917_E001 CS_OFFL_SIR_LRM_1B_20220227T225919_20220227T225946_E001 CS_OFFL_SIR_LRM_1B_20220227T225941_20220227T225946_E001 CS_OFFL_SIR_LRM_1B_20220227T225950_20220227T230326_E001 CS_OFFL_SIR_LRM_1B_20220227T230429_20220227T230438_E001 CS_OFFL_SIR_LRM_1B_20220227T231743_20220227T231926_E001 CS_OFFL_SIR_LRM_1B_20220227T23108_20220227T233130_E001 CS_OFFL_SIR_LRM_1B_20220227T232836_20220227T233139_E001 CS_OFFL_SIR_LRM_1B_20220227T233142_20220227T233149_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

Number of products with errors:

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220227T001019_20220227T001600_E001	IECHO ERROR I EK ECHO ERROR	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20220227T042526_20220227T043014_E001	IECHO ERROR I EK ECHO ERROR	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20220227T132952_20220227T135016_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors: 246

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220227T001844_20220227T004258_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_20220227T005602_20220227T012138_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_220220227T013202_20220227T013211_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_220220227T015622_20220227T022153_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
	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_220220227T032825_20220227T040100_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_220220227T041351_20220227T042015_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_220220227T042526_20220227T043014_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_220220227T045138_20220227T045224_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20220227T050535_20220227T054029_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_220220227T055246_20220227T061216_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_20220227T062252_20220227T062445_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_220220227T064452_20220227T071252_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20220227T071302_20220227T071904_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_220220227T073217_20220227T080003_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_20220227T080112_20220227T080754_E001	Height Error (Retracker 3)	There is a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220227T082624_20220227T084146_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20220227T084541_20220227T085050_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_20220227T085131_20220227T085805_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_20220227T091602_20220227T092827_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_220220227T092949_20220227T094227_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_220220227T100821_20220227T101929_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_220220227T102335_20220227T103705_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20220227T105237_20220227T105710_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_220220227T111016_20220227T112252_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_220220227T112416_20220227T112553_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220227T114443_20220227T114528_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220227T114547_20220227T114935_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220227T114948_20220227T114950_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220227T114956_20220227T114958_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220227T120044_20220227T121612_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20220227T122906_20220227T125619_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_220220227T132952_20220227T135016_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_220220227T135047_20220227T135603_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_220220227T140832_20220227T143606_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_220220227T150740_20220227T152115_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_220220227T152117_20220227T153526_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_20220227T154803_20220227T162311_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_220220227T163615_20220227T163750_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_220220227T164517_20220227T164617_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_20220227T164759_20220227T165622_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_20220227T172741_20220227T175012_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_20220227T175258_20220227T180145_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_20220227T182535_20220227T183104_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20220227T183415_20220227T185400_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_20220227T190638_20220227T193953_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_20220227T200458_20220227T202847_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_20220227T204652_20220227T210304_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20220227T210324_20220227T210434_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_20220227T210915_20220227T211743_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_20220227T213714_20220227T215319_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_20220227T215533_20220227T221018_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_20220227T222603_20220227T224104_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_220220227T224251_20220227T225726_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_220220227T231743_20220227T231926_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220227T232108_20220227T232833_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_220220227T232836_20220227T233130_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_220220227T233731_20220227T235235_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_SAR_220220226T235446_20220227T000052_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T000312_20220227T000355_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T000536_20220227T000549_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T000626_20220227T000846_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T001600_20220227T001721_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T004258_20220227T004335_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T004258_20220227T004335_E001 CS_OFFL_SIR_SAR_220220227T005541_20220227T005602_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_220220227T005541_20220227T005602_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220227T005541_20220227T005602_E001 CS_OFFL_SIR_SAR_2_20220227T013212_20220227T013436_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220227T005541_20220227T005602_E001 CS_OFFL_SIR_SAR_2_20220227T013212_20220227T013436_E001 CS_OFFL_SIR_SAR_2_20220227T013454_20220227T013551_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220227T005541_20220227T005602_E001 CS_OFFL_SIR_SAR_2_20220227T013212_20220227T013436_E001 CS_OFFL_SIR_SAR_2_20220227T013454_20220227T013551_E001 CS_OFFL_SIR_SAR_2_20220227T013614_20220227T014024_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220227T005541_20220227T005602_E001 CS_OFFL_SIR_SAR_2_20220227T013212_20220227T013436_E001 CS_OFFL_SIR_SAR_2_20220227T013454_20220227T013551_E001 CS_OFFL_SIR_SAR_2_20220227T013614_20220227T014024_E001 CS_OFFL_SIR_SAR_2_20220227T022153_20220227T022313_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220227T005541_20220227T005602_E001 CS_OFFL_SIR_SAR_2_20220227T013212_20220227T013436_E001 CS_OFFL_SIR_SAR_2_20220227T013454_20220227T013551_E001 CS_OFFL_SIR_SAR_2_20220227T013614_20220227T014024_E001 CS_OFFL_SIR_SAR_2_20220227T022153_20220227T022313_E001 CS_OFFL_SIR_SAR_2_20220227T022440_20220227T023445_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220227T005541_20220227T005602_E001 CS_OFFL_SIR_SAR_2_20220227T013212_20220227T013436_E001 CS_OFFL_SIR_SAR_2_20220227T013454_20220227T013551_E001 CS_OFFL_SIR_SAR_2_20220227T013614_20220227T014024_E001 CS_OFFL_SIR_SAR_2_20220227T022153_20220227T022313_E001 CS_OFFL_SIR_SAR_2_20220227T023440_20220227T023445_E001 CS_OFFL_SIR_SAR_2_20220227T023440_20220227T023445_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220227T005541_20220227T005602_E001 CS_OFFL_SIR_SAR_2_20220227T013212_20220227T013436_E001 CS_OFFL_SIR_SAR_2_20220227T013454_20220227T013551_E001 CS_OFFL_SIR_SAR_2_20220227T013614_20220227T014024_E001 CS_OFFL_SIR_SAR_2_20220227T022153_20220227T022313_E001 CS_OFFL_SIR_SAR_2_20220227T023440_20220227T023445_E001 CS_OFFL_SIR_SAR_2_20220227T031035_20220227T032107_E001 CS_OFFL_SIR_SAR_2_20220227T040100_20220227T040300_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20220227T044333_20220227T044404_E001	Backscatter Error (Retracker 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_20220227T045001_20220227T045030_E001	Backscatter Error (Retracker 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_20220227T045225_20220227T045325_E001	Backscatter Error (Retracker 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_20220227T045414_20220227T050202_E001	Backscatter Error (Retracker 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_20220227T054030_20220227T054239_E001	Backscatter Error (Retracker 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_20220227T055227_20220227T055246_E001	Backscatter Error (Retracker 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_20220227T062127_20220227T062252_E001	Backscatter Error (Retracker 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_20220227T062459_20220227T062548_E001	Backscatter Error (Retracker 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_20220227T062548_20220227T063041_E001	Backscatter Error (Retracker 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_20220227T063056_20220227T063335_E001	Backscatter Error (Retracker 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_20220227T063413_20220227T064452_E001	Backscatter Error (Retracker 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_20220227T071905_20220227T071956_E001	Backscatter Error (Retracker 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_20220227T073125_20220227T073217_E001	Backscatter Error (Retracker 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_20220227T080003_20220227T080112_E001	Backscatter Error (Retracker 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_20220227T080840_20220227T080920_E001	Backscatter Error (Retracker 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_20220227T081349_20220227T082123_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T082321_20220227T082340_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T082340_20220227T082623_E001	Backscatter Error (Retracker 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_20220227T084146_20220227T084301_E001	Backscatter Error (Retracker 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_20220227T084303_20220227T084541_E001	Backscatter Error (Retracker 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_20220227T085051_20220227T085130_E001	Backscatter Error (Retracker 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_20220227T090914_20220227T091226_E001	Backscatter Error (Retracker 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_20220227T091242_20220227T091602_E001	Backscatter Error (Retracker 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_20220227T092828_20220227T092949_E001	Backscatter Error (Retracker 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_20220227T094227_20220227T094328_E001	Backscatter Error (Retracker 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_20220227T095300_20220227T095821_E001	Backscatter Error (Retracker 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_20220227T095851_20220227T100016_E001	Backscatter Error (Retracker 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_20220227T101930_20220227T102335_E001	Backscatter Error (Retracker 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_20220227T103705_20220227T103716_E001	Backscatter Error (Retracker 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_20220227T104826_20220227T105034_E001	Backscatter Error (Retracker 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_20220227T105206_20220227T105237_E001	Backscatter Error (Retracker 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_20220227T105710_20220227T105810_E001	Backscatter Error (Retracker 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_20220227T112554_20220227T112634_E001	Backscatter Error (Retracker 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_20220227T112716_20220227T112728_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220220227T113155_20220227T113236_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T113236_20220227T113858_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T115514_20220227T115723_E001	Backscatter Error (Retracker 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_20220227T115727_20220227T120044_E001	Backscatter Error (Retracker 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_20220227T121613_20220227T121641_E001	Backscatter Error (Retracker 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_20220227T122830_20220227T122906_E001	Backscatter Error (Retracker 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_20220227T125619_20220227T125855_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T131018_20220227T131525_E001	Backscatter Error (Retracker 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_20220227T131603_20220227T131826_E001	Backscatter Error (Retracker 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_20220227T135016_20220227T135046_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T135603_20220227T135609_E001	Backscatter Error (Retracker 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_20220227T140746_20220227T140832_E001	Backscatter Error (Retracker 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_20220227T143606_20220227T143741_E001	Backscatter Error (Retracker 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_20220227T144710_20220227T145603_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T145623_20220227T145854_E001	Backscatter Error (Retracker 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_20220227T154648_20220227T154803_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T162634_20220227T163105_E001	Backscatter Error (Retracker 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_20220227T163105_20220227T163615_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T163750_20220227T163950_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T164330_20220227T164517_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T164617_20220227T164759_E001	Backscatter Error (Retracker 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_20220227T170547_20220227T170812_E001	Backscatter Error (Retracker 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_20220227T170954_20220227T171153_E001	Backscatter Error (Retracker 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_20220227T171501_20220227T171519_E001	Backscatter Error (Retracker 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_20220227T172521_20220227T172741_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T175012_20220227T175258_E001	Backscatter Error (Retracker 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_20220227T180145_20220227T181159_E001	Backscatter Error (Retracker 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_20220227T181159_20220227T181327_E001	Backscatter Error (Retracker 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_20220227T181428_20220227T181453_E001	Backscatter Error (Retracker 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_20220227T181942_20220227T182121_E001	Backscatter Error (Retracker 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_20220227T182346_20220227T182535_E001	Backscatter Error (Retracker 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_20220227T185400_20220227T185456_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T190430_20220227T190638_E001	Backscatter Error (Retracker 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_20220227T193954_20220227T194137_E001	Backscatter Error (Retracker 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_20220227T194140_20220227T194222_E001	Backscatter Error (Retracker 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_20220227T194416_20220227T195058_E001	Backscatter Error (Retracker 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_20220227T195058_20220227T195638_E001	Backscatter Error (Retracker 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_20220227T195715_20220227T200458_E001	Backscatter Error (Retracker 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_20220227T202847_20220227T203200_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T203218_20220227T203545_E001	Backscatter Error (Retracker 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_20220227T204640_20220227T204652_E001	Backscatter Error (Retracker 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_20220227T210434_20220227T210915_E001	Backscatter Error (Retracker 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_20220227T211918_20220227T212019_E001	Backscatter Error (Retracker 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_20220227T212357_20220227T212940_E001	Backscatter Error (Retracker 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_20220227T212940_20220227T213057_E001	Backscatter Error (Retracker 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_20220227T213657_20220227T213713_E001	Backscatter Error (Retracker 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_20220227T215319_20220227T215533_E001	Backscatter Error (Retracker 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_20220227T221018_20220227T221101_E001	Backscatter Error (Retracker 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_20220227T224104_20220227T224251_E001	Backscatter Error (Retracker 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_20220227T230347_20220227T230428_E001	Backscatter Error (Retracker 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_20220227T230438_20220227T230520_E001	Backscatter Error (Retracker 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_20220227T230550_20220227T230739_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T230739_20220227T231016_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T231243_20220227T231434_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T231641_20220227T231742_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T231926_20220227T232037_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220227T235235_20220227T235315_E001	Backscatter Error (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_20220227T000053_20220227T000312_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_20220227T000355_20220227T000535_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_20220227T000549_20220227T000626_E001	Backscatter Error (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_20220227T000847_20220227T001009_E001	Backscatter Error (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_20220227T001721_20220227T001844_E001	Backscatter Error (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_20220227T004335_20220227T004521_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_20220227T005355_20220227T005541_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_20220227T012139_20220227T012402_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_20220227T012420_20220227T012538_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_20220227T013437_20220227T013454_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_20220227T013552_20220227T013614_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_20220227T014025_20220227T014507_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_20220227T022314_20220227T022449_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_20220227T022617_20220227T022735_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220227T023154_20220227T023440_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_20220227T032107_20220227T032825_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_20220227T040300_20220227T040648_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_20220227T041235_20220227T041351_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_20220227T044207_20220227T044332_E001	Backscatter Error (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_20220227T044839_20220227T045001_E001	Backscatter Error (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_20220227T045054_20220227T045138_E001	Backscatter Error (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_220220227T045325_20220227T045414_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_20220227T050203_20220227T050320_E001	Backscatter Error (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_220220227T050402_20220227T050534_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_220220227T054239_20220227T054554_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_220220227T055107_20220227T055226_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_20220227T061217_20220227T061441_E001	Backscatter Error (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_20220227T063336_20220227T063412_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_20220227T071252_20220227T071302_E001	Backscatter Error (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_20220227T071957_20220227T072407_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_20220227T073015_20220227T073125_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_20220227T080920_20220227T081145_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_20220227T081228_20220227T081348_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_20220227T085805_20220227T085932_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_20220227T090728_20220227T090913_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_20220227T094640_20220227T095059_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_20220227T095143_20220227T095259_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_20220227T095822_20220227T095851_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_20220227T100605_20220227T100821_E001	Backscatter Error (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_20220227T103717_20220227T103900_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_20220227T104550_20220227T104825_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_20220227T105034_20220227T105206_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_220220227T112253_20220227T112416_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_220220227T112634_20220227T112716_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_220220227T112728_20220227T113155_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_20220227T121641_20220227T121835_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_220220227T122504_20220227T122829_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_220220227T130626_20220227T131017_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_20220227T131525_20220227T131603_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_20220227T132515_20220227T132655_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_20220227T132744_20220227T132952_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_20220227T135609_20220227T135834_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_20220227T140224_20220227T140229_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220227T140611_20220227T140745_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_20220227T143803_20220227T144710_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_20220227T145603_20220227T145622_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_220220227T153527_20220227T153650_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_220220227T154515_20220227T154648_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_20220227T162312_20220227T162431_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_20220227T162511_20220227T162634_E001	Backscatter Error (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_20220227T171520_20220227T171644_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_20220227T172209_20220227T172520_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_20220227T181327_20220227T181427_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_20220227T181757_20220227T181942_E001	Backscatter Error (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_20220227T183105_20220227T183414_E001	Backscatter Error (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_20220227T185456_20220227T185610_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_20220227T190108_20220227T190429_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_20220227T195639_20220227T195715_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_220220227T203545_20220227T203821_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_220220227T204014_20220227T204639_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_20220227T213057_20220227T213218_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_20220227T213513_20220227T213656_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_20220227T221102_20220227T221715_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_220220227T221927_20220227T222010_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220227T222428_20220227T222603_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_20220227T230520_20220227T230550_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_20220227T231016_20220227T231120_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_20220227T231157_20220227T231242_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_20220227T231435_20220227T231641_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_20220227T233234_20220227T233730_E001	ů ,	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_20220227T235316_20220227T235508_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