

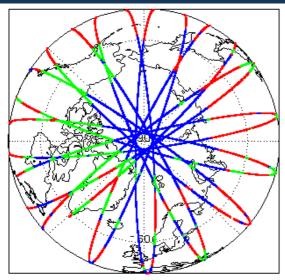
## 1. Overview

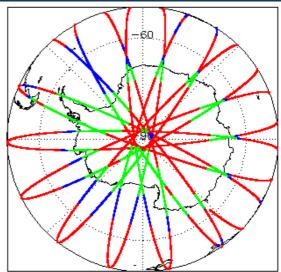
Report Production Date:	11-Feb-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

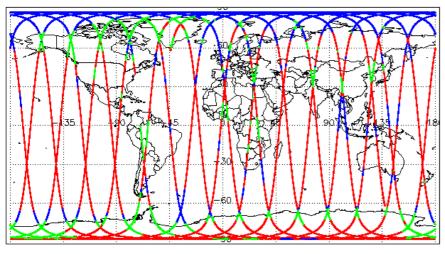
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	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

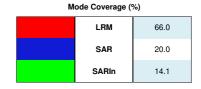
Mission / Instrument News		
13-Jan-2022	None	
14-Jan-2022	None	
15-Jan-2022	Nothing planned	

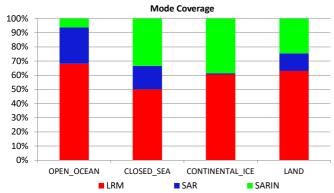
# 2. Global Coverage

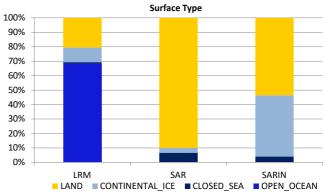












## 3. Instrument Configuration

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: 15

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220113T235835_20220114T001416_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T002904_20220114T003014_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T003018_20220114T003022_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T003025_20220114T003030_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T003032_20220114T003040_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T003042_20220114T003046_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T003049_20220114T003050_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T003055_20220114T003124_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T003128_20220114T003146_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T003148_20220114T003155_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T003157_20220114T003158_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T003204_20220114T003602_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T005302_20220114T010458_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T011022_20220114T011242_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T011245_20220114T011255_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T011259_20220114T011304_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T011307_20220114T011325_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T011331_20220114T011351_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T011353_20220114T011929_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T012114_20220114T012222_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T012816_20220114T013119_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T020137_20220114T020242_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T020511_20220114T020514_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T020517_20220114T020521_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T020553_20220114T020619_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T020621_20220114T020844_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T020847_20220114T021038_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T021044_20220114T021044_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T021048_20220114T021132_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T021136_20220114T021136_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T021140_20220114T021211_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T021214_20220114T021544_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T023116_20220114T023827_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T023928_20220114T030357_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T030630_20220114T031455_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T031726_20220114T034318_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T034642_20220114T035116_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T040822_20220114T041204_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T041421_20220114T041425_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T041427_20220114T044210_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T045618_20220114T052410_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T052415_20220114T052604_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T052904_20220114T053131_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T064605_20220114T065031_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T065406_20220114T065422_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T065502_20220114T070151_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T070436_20220114T070507_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T070528_20220114T070554_E001	Loss of echo	The tracking echo is missing for one or more records
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OC OFFI CID LDM 4D 00000444T070FF0 00000444T070000 F004		
CS_OFFL_SIR_LRM_1B_20220114T070556_20220114T070626_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T070629_20220114T070703_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T070703_20220114T070829_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T071237_20220114T071341_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T072700_20220114T080118_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T083705_20220114T084227_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T084338_20220114T084410_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T084420_20220114T084440_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T084453_20220114T084552_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T090533_20220114T093926_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T104214_20220114T104303_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220114T104307 20220114T104311 E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220114T104313_20220114T104330_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T104332_20220114T104342_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T104347_20220114T104358_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T110116_20220114T110304_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T110307_20220114T110308_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T110310_20220114T110320_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T110323_20220114T110330_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220114T110337 20220114T110338 E001	Loss of echo	The tracking echo is missing for one or more records
	Loss of echo	•
CS_OFFL_SIR_LRM_1B_20220114T1110340_20220114T111153_E001		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T113713_20220114T114936_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T122125_20220114T122139_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T122141_20220114T122144_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220114T122147 20220114T122201 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T122204_20220114T122252_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T122256_20220114T122258_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T122301_20220114T122439_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T122444_20220114T122456_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T122459_20220114T122659_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T123107_20220114T124037_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T124239_20220114T124956_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220114T131912 20220114T132317 E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220114T132431_20220114T132502_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T134133_20220114T134402_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T140007_20220114T140411_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T140413_20220114T140414_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T140416_20220114T140429_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T140436_20220114T140441_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T140449_20220114T140452_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T140455_20220114T140457_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220114T140500 20220114T140500 E001	Loss of echo	The tracking echo is missing for one or more records
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CS OFFI SIR LRM 1R 20220114/T140505 20220114/T140507 F001	Loss of acho	The tracking acho is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T140505_20220114T140507_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T140505_20220114T140507_E001 CS_OFFL_SIR_LRM_1B_20220114T140510_20220114T140511_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_20220114T140510_20220114T140511_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_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 The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001	Loss of echo Loss of echo 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 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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_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
CS_OFFL_SIR_LRM_1B_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001	Loss of echo Loss of echo 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 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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_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
CS_OFFL_SIR_LRM_1B_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_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 The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T141001_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141094_E001 CS_OFFL_SIR_LRM_1B_20220114T141012_20220114T141034_E001 CS_OFFL_SIR_LRM_1B_20220114T141039_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T1414034_20220114T141540_E001 CS_OFFL_SIR_LRM_1B_20220114T1414034_20220114T1415427_E001 CS_OFFL_SIR_LRM_1B_20220114T145043_20220114T152523_E001 CS_OFFL_SIR_LRM_1B_20220114T15431_20220114T152730_E001 CS_OFFL_SIR_LRM_1B_20220114T153943_20220114T154235_E001 CS_OFFL_SIR_LRM_1B_20220114T154251_20220114T154235_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141094_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141034_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T1414034_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T1414034_20220114T151427_E001 CS_OFFL_SIR_LRM_1B_20220114T15431_20220114T152730_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T154632_E001 CS_OFFL_SIR_LRM_1B_20220114T153943_20220114T154632_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T154632_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T15666_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T141001_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141034_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T1414034_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T145043_20220114T152523_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T15223_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T154235_E001 CS_OFFL_SIR_LRM_1B_20220114T153943_20220114T154632_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T156466_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141094_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141034_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T1414034_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T1414034_20220114T151427_E001 CS_OFFL_SIR_LRM_1B_20220114T15431_20220114T152730_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T154632_E001 CS_OFFL_SIR_LRM_1B_20220114T153943_20220114T154632_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T154632_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T15666_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T141001_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141034_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T1414034_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T145043_20220114T152523_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T15223_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T154235_E001 CS_OFFL_SIR_LRM_1B_20220114T153943_20220114T154632_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T156466_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140648_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T141001_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T141012_20220114T141004_E001 CS_OFFL_SIR_LRM_1B_20220114T141021_20220114T141304_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T151431_20220114T151427_E001 CS_OFFL_SIR_LRM_1B_20220114T154543_20220114T152533_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T152730_E001 CS_OFFL_SIR_LRM_1B_20220114T153943_20220114T15435_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T154632_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T172200_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T172205_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T141001_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T141021_20220114T141304_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T145043_20220114T151427_E001 CS_OFFL_SIR_LRM_1B_20220114T151431_20220114T15253_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T152730_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T15435_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T170200_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T172525_E001 CS_OFFL_SIR_LRM_1B_20220114T172006_20220114T172525_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172525_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T140091_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141094_E001 CS_OFFL_SIR_LRM_1B_20220114T141029_20220114T141304_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T145043_20220114T151427_E001 CS_OFFL_SIR_LRM_1B_20220114T151431_20220114T15253_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T15270_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T15435_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165090_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T172202_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T172255_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T172255_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T172266_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172201_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T140091_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141034_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T145043_20220114T151427_E001 CS_OFFL_SIR_LRM_1B_20220114T151431_20220114T15253_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T15270_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T15435_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T15230_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T172202_E001 CS_OFFL_SIR_LRM_1B_20220114T172006_20220114T172255_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T172255_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T172255_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T172291_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172291_E001 CS_OFFL_SIR_LRM_1B_20220114T172914_20220114T172912_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T140091_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141094_E001 CS_OFFL_SIR_LRM_1B_20220114T141029_20220114T141304_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T145043_20220114T151427_E001 CS_OFFL_SIR_LRM_1B_20220114T151431_20220114T15253_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T15270_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T15435_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165090_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T172202_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T172255_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T172255_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T172266_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172201_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T140091_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141034_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T141407_E001 CS_OFFL_SIR_LRM_1B_20220114T145043_20220114T151427_E001 CS_OFFL_SIR_LRM_1B_20220114T151431_20220114T15253_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T15270_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T15435_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T15230_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T172202_E001 CS_OFFL_SIR_LRM_1B_20220114T172006_20220114T172255_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T172255_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T172255_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T172291_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172291_E001 CS_OFFL_SIR_LRM_1B_20220114T172914_20220114T172912_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T141001_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T141012_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T141021_20220114T141304_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T14140617_E001 CS_OFFL_SIR_LRM_1B_20220114T145043_20220114T151427_E001 CS_OFFL_SIR_LRM_1B_20220114T151431_20220114T152523_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T15270_E001 CS_OFFL_SIR_LRM_1B_20220114T152030_20220114T154235_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T16466_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T164632_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165009_20220114T16266_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172525_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172525_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172525_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172525_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172525_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T17253_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T17253_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T17253_E001 CS_OFFL_SIR_LRM_1B_20220114T172555_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173626_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173626_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T14001_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141094_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T141340_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T144617_E001 CS_OFFL_SIR_LRM_1B_20220114T145043_20220114T151427_E001 CS_OFFL_SIR_LRM_1B_20220114T151431_20220114T152523_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T15270_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T154235_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T16466_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T16466_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T175252_2001 CS_OFFL_SIR_LRM_1B_20220114T175252_2020114T172826_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T172912_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T172912_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172912_E001 CS_OFFL_SIR_LRM_1B_20220114T172914_20220114T172912_E001 CS_OFFL_SIR_LRM_1B_20220114T172914_20220114T175266_E001 CS_OFFL_SIR_LRM_1B_20220114T172914_20220114T175626_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T175626_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T175626_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T14001_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141094_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T141340_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T144617_E001 CS_OFFL_SIR_LRM_1B_20220114T145043_20220114T151427_E001 CS_OFFL_SIR_LRM_1B_20220114T151431_20220114T152523_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T15270_E001 CS_OFFL_SIR_LRM_1B_20220114T152043_20220114T154235_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T154235_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T17506_20220114T17200_E001 CS_OFFL_SIR_LRM_1B_20220114T172006_20220114T172020_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172925_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172935_E001 CS_OFFL_SIR_LRM_1B_20220114T172930_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T17294_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T186856_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T140091_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141034_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T14140617_E001 CS_OFFL_SIR_LRM_1B_20220114T144051_20220114T151427_E001 CS_OFFL_SIR_LRM_1B_20220114T151431_20220114T152523_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T15270_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T154235_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T154235_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T172255_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T17255_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T17293_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T17293_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_2020114T172935_E001 CS_OFFL_SIR_LRM_1B_20220114T172914_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T175626_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T175626_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T175626_E001 CS_OFFL_SIR_LRM_1B_20220114T180049_20220114T18656_E001 CS_OFFL_SIR_LRM_1B_20220114T180049_20220114T190455_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T14001_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141094_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T141340_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T144617_E001 CS_OFFL_SIR_LRM_1B_20220114T145043_20220114T151427_E001 CS_OFFL_SIR_LRM_1B_20220114T151431_20220114T152523_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T15270_E001 CS_OFFL_SIR_LRM_1B_20220114T152043_20220114T154235_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T154235_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T17506_20220114T17200_E001 CS_OFFL_SIR_LRM_1B_20220114T172006_20220114T172020_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172925_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172935_E001 CS_OFFL_SIR_LRM_1B_20220114T172930_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T17294_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T186856_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_20220114T140510_20220114T140511_E001 CS_OFFL_SIR_LRM_1B_20220114T140513_20220114T140520_E001 CS_OFFL_SIR_LRM_1B_20220114T140540_20220114T140546_E001 CS_OFFL_SIR_LRM_1B_20220114T140548_20220114T140610_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140615_E001 CS_OFFL_SIR_LRM_1B_20220114T140613_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140619_20220114T140622_E001 CS_OFFL_SIR_LRM_1B_20220114T140625_20220114T140742_E001 CS_OFFL_SIR_LRM_1B_20220114T140745_20220114T140941_E001 CS_OFFL_SIR_LRM_1B_20220114T140943_20220114T14001_E001 CS_OFFL_SIR_LRM_1B_20220114T141004_20220114T141009_E001 CS_OFFL_SIR_LRM_1B_20220114T14102_20220114T141094_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T141340_E001 CS_OFFL_SIR_LRM_1B_20220114T141239_20220114T1414017_E001 CS_OFFL_SIR_LRM_1B_20220114T145043_20220114T151427_E001 CS_OFFL_SIR_LRM_1B_20220114T151431_20220114T152523_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T152730_E001 CS_OFFL_SIR_LRM_1B_20220114T152645_20220114T154235_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T154632_E001 CS_OFFL_SIR_LRM_1B_20220114T155030_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T165909_20220114T162330_E001 CS_OFFL_SIR_LRM_1B_20220114T172006_20220114T172255_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172255_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T17293_E001 CS_OFFL_SIR_LRM_1B_20220114T172552_20220114T172935_E001 CS_OFFL_SIR_LRM_1B_20220114T172914_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173626_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173656_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T175526_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173415_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173656_E001 CS_OFFL_SIR_LRM_1B_20220114T173417_20220114T173655_E001 CS_OFFL_SIR_LRM_1B_20220114T180049_20220114T180621_E001 CS_OFFL_SIR_LRM_1B_20220114T180049_20220114T190455_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records

CC OFFI CIP LPM 1P 00000114T101700 00000114T1001F0 F001	l and of only	The tweeting cabe is mission for one or many
CS_OFFL_SIR_LRM_1B_20220114T191722_20220114T192153_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T192315_20220114T192654_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T204237_20220114T204446_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T204643_20220114T205203_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T205524_20220114T210013_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T211729_20220114T212213_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T212826_20220114T213429_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T213438_20220114T220033_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T220350_20220114T220447_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T220449_20220114T220455_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T220500_20220114T220537_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T225926_20220114T230119_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T230755_20220114T231423_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T231507_20220114T231613_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T231615_20220114T232424_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T232426_20220114T232542_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T233023_20220114T233741_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T233840_20220114T233842_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T234116_20220114T234119_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T234121_20220114T234131_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T234134_20220114T234141_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T234143_20220114T234146_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T234152_20220114T234155_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T234157_20220114T234159_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T234202_20220114T234203_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T234209_20220114T234329_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T234334_20220114T234347_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T234350_20220114T234352_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T234407_20220114T234425_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T234428_20220114T234428_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T234430_20220114T234434_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T234437_20220114T234445_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220114T235853_20220115T000441_E001	Loss of echo	The tracking echo is missing for one or more records
	T.	

### 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_20220114T011022_20220114T011242_E001	IECDO error LBK 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:

0

#### 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.

#### 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: 248		
Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220113T235835_20220114T001416_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_220220114T001618_20220114T002540_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_220220114T005302_20220114T010458_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_220220114T012114_20220114T012222_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_220220114T013811_20220114T015247_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_220220114T020847_20220114T021038_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220114T023116_20220114T023827_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_220220114T023928_20220114T030357_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_220220114T031726_20220114T034318_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_220220114T035249_20220114T035316_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_220220114T041427_20220114T044210_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_220220114T045618_20220114T052410_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_220220114T054902_20220114T062126_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_220220114T070436_20220114T070507_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_220220114T071237_20220114T071341_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_220220114T072700_20220114T080118_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_220220114T081409_20220114T083345_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_220220114T084338_20220114T084410_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_220220114T090533_20220114T093926_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_220220114T095314_20220114T095415_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_220220114T095447_20220114T102049_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_220220114T102135_20220114T102934_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_220220114T110116_20220114T110304_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_220220114T110340_20220114T111153_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_220220114T113713_20220114T114936_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_220220114T115129_20220114T120005_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_20220114T120132_20220114T120511_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_220220114T120537_20220114T120847_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_20220114T123107_20220114T124037_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_220220114T124239_20220114T124956_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_20220114T131307_20220114T131608_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_220220114T132431_20220114T132502_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220114T140548_20220114T140610_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220114T140613_20220114T140615_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220114T140745_20220114T140941_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220114T142059_20220114T143704_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_20220114T145043_20220114T151427_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_20220114T151431_20220114T152523_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_20220114T153943_20220114T154235_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_20220114T155030_20220114T161646_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_20220114T162942_20220114T165714_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_20220114T165909_20220114T170200_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_20220114T172955_20220114T173415_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_20220114T173417_20220114T175626_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_20220114T181016_20220114T184409_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_20220114T185704_20220114T185856_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_20220114T190855_20220114T191012_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_20220114T192830_20220114T193058_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_20220114T194901_20220114T201121_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_20220114T201407_20220114T202323_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_20220114T204237_20220114T204446_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_220220114T204643_20220114T205203_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_20220114T205524_20220114T210013_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_20220114T210201_20220114T211517_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_220220114T212826_20220114T213429_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_20220114T213438_20220114T220033_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_220220114T222108_20220114T222523_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_20220114T222654_20220114T224951_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_20220114T230755_20220114T231423_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_20220114T231507_20220114T231613_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
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CS_OFFL_SIR_LRM_2_20220114T231615_20220114T232424_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_20220114T232426_20220114T232542_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_220220114T233023_20220114T233741_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_20220114T234334_20220114T234347_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220114T235853_20220115T000441_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_2_20220114T001417_20220114T001533_E001	Backscatter Error (Retracker 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_20220114T001536_20220114T001618_E001	Backscatter Error (Retracker 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_20220114T003602_20220114T004056_E001	Backscatter Error (Retracker 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_20220114T004056_20220114T004234_E001	Backscatter Error (Retracker 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_20220114T004750_20220114T004811_E001	Backscatter Error (Retracker 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_20220114T005019_20220114T005302_E001	Backscatter Error (Retracker 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_20220114T011930_20220114T012012_E001	Backscatter Error (Retracker 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_20220114T013743_20220114T013811_E001	Backscatter Error (Retracker 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_20220114T015248_20220114T015819_E001	Backscatter Error (Retracker 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_20220114T015819_20220114T020136_E001	Backscatter Error (Retracker 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_20220114T021545_20220114T022157_E001	Backscatter Error (Retracker 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_20220114T022420_20220114T022441_E001	Backscatter Error (Retracker 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_20220114T022623_20220114T022730_E001	Backscatter Error (Retracker 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_20220114T022734_20220114T022953_E001	Backscatter Error (Retracker 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_20220114T030358_20220114T030438_E001	Backscatter Error (Retracker 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_20220114T031701_20220114T031726_E001	Backscatter Error (Retracker 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_20220114T035317_20220114T035538_E001	Backscatter Error (Retracker 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_20220114T035556_20220114T035655_E001	Backscatter Error (Retracker 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_20220114T035723_20220114T040142_E001	Backscatter Error (Retracker 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_20220114T044210_20220114T044417_E001	Backscatter Error (Retracker 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_20220114T045553_20220114T045617_E001	Backscatter Error (Retracker 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_20220114T053132_20220114T053358_E001	Backscatter Error (Retracker 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_20220114T053433_20220114T054333_E001	Backscatter Error (Retracker 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_20220114T062127_20220114T062411_E001	Backscatter Error (Retracker 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_20220114T063452_20220114T063506_E001	Backscatter Error (Retracker 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_20220114T064119_20220114T064605_E001	Backscatter Error (Retracker 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_20220114T070152_20220114T070232_E001	Backscatter Error (Retracker 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_20220114T070829_20220114T070945_E001	Backscatter Error (Retracker 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_20220114T070949_20220114T071135_E001	Backscatter Error (Retracker 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_20220114T071342_20220114T071419_E001	Backscatter Error (Retracker 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_20220114T071518_20220114T072305_E001	Backscatter Error (Retracker 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_20220114T080118_20220114T080342_E001	Backscatter Error (Retracker 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_20220114T081337_20220114T081409_E001	Backscatter Error (Retracker 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_20220114T084228_20220114T084337_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220114T084553_20220114T084709_E001	Backscatter Error (Retracker 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_20220114T084710_20220114T085434_E001	Backscatter Error (Retracker 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_20220114T085530_20220114T090533_E001	Backscatter Error (Retracker 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_20220114T093927_20220114T094057_E001	Backscatter Error (Retracker 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_20220114T095228_20220114T095314_E001	Backscatter Error (Retracker 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_20220114T095415_20220114T095447_E001	Backscatter Error (Retracker 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_20220114T102049_20220114T102135_E001	Backscatter Error (Retracker 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_20220114T102943_20220114T103018_E001	Backscatter Error (Retracker 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_20220114T103454_20220114T104214_E001	Backscatter Error (Retracker 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_20220114T104430_20220114T104612_E001	Backscatter Error (Retracker 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_20220114T104749_20220114T104823_E001	Backscatter Error (Retracker 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_20220114T105636_20220114T110116_E001	Backscatter Error (Retracker 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_20220114T111154_20220114T111342_E001	Backscatter Error (Retracker 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_20220114T111901_20220114T111905_E001	Backscatter Error (Retracker 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_20220114T113010_20220114T113713_E001	Backscatter Error (Retracker 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_20220114T114936_20220114T115128_E001	Backscatter Error (Retracker 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_20220114T120005_20220114T120132_E001	Backscatter Error (Retracker 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_20220114T120512_20220114T120536_E001	Backscatter Error (Retracker 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_20220114T121408_20220114T121927_E001	Backscatter Error (Retracker 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_20220114T121953_20220114T122124_E001	Backscatter Error (Retracker 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_20220114T124037_20220114T124239_E001	Backscatter Error (Retracker 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_20220114T124957_20220114T125110_E001	Backscatter Error (Retracker 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_20220114T125756_20220114T125821_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220114T131608_20220114T131912_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220114T134525_20220114T134747_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220114T134816_20220114T134856_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220114T135257_20220114T135628_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220114T135628_20220114T135956_E001	Backscatter Error (Retracker 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_20220114T141341_20220114T142059_E001	Backscatter Error (Retracker 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_20220114T143705_20220114T143736_E001	Backscatter Error (Retracker 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_20220114T144936_20220114T145042_E001	Backscatter Error (Retracker 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_20220114T153120_20220114T153943_E001	Backscatter Error (Retracker 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_20220114T161647_20220114T161710_E001	Backscatter Error (Retracker 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_20220114T162831_20220114T162941_E001	Backscatter Error (Retracker 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_20220114T165715_20220114T165909_E001	Backscatter Error (Retracker 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_20220114T170813_20220114T171712_E001	Backscatter Error (Retracker 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_20220114T171742_20220114T172006_E001	Backscatter Error (Retracker 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_20220114T175626_20220114T175640_E001	Backscatter Error (Retracker 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_20220114T180740_20220114T181016_E001	Backscatter Error (Retracker 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_20220114T184744_20220114T185405_E001	Backscatter Error (Retracker 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_20220114T185405_20220114T185704_E001	Backscatter Error (Retracker 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_20220114T185856_20220114T190048_E001	Backscatter Error (Retracker 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_20220114T190530_20220114T190611_E001	Backscatter Error (Retracker 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_20220114T190813_20220114T190854_E001	Backscatter Error (Retracker 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_20220114T192654_20220114T192830_E001	Backscatter Error (Retracker 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_20220114T193059_20220114T193258_E001	Backscatter Error (Retracker 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_20220114T193552_20220114T193623_E001	Backscatter Error (Retracker 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_20220114T194623_20220114T194901_E001	Backscatter Error (Retracker 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_20220114T201122_20220114T201407_E001	Backscatter Error (Retracker 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_20220114T202324_20220114T203305_E001	Backscatter Error (Retracker 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_20220114T203305_20220114T203437_E001	Backscatter Error (Retracker 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_20220114T203517_20220114T203548_E001	Backscatter Error (Retracker 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_20220114T204044_20220114T204236_E001	Backscatter Error (Retracker 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_20220114T204446_20220114T204643_E001	Backscatter Error (Retracker 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_20220114T210014_20220114T210201_E001	Backscatter Error (Retracker 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_20220114T211518_20220114T211606_E001	Backscatter Error (Retracker 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_20220114T212542_20220114T212826_E001	Backscatter Error (Retracker 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_20220114T220033_20220114T220135_E001	Backscatter Error (Retracker 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_20220114T220138_20220114T220342_E001	Backscatter Error (Retracker 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_20220114T220538_20220114T221204_E001	Backscatter Error (Retracker 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_20220114T221204_20220114T221331_E001	Backscatter Error (Retracker 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_20220114T221338_20220114T221739_E001	Backscatter Error (Retracker 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_20220114T221831_20220114T222108_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220220114T222524_20220114T222654_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220114T224952_20220114T225651_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220114T230747_20220114T230755_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220114T231424_20220114T231507_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220114T232543_20220114T233023_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220114T234516_20220114T235051_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220114T235051_20220114T235200_E001	Backscatter Error (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_20220114T002540_20220114T002904_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_20220114T004235_20220114T004347_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_20220114T004523_20220114T004749_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_20220114T012013_20220114T012114_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_20220114T012222_20220114T012533_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_20220114T012536_20220114T012815_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_20220114T013119_20220114T013124_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220114T013558_20220114T013742_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_20220114T022158_20220114T022419_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_20220114T022441_20220114T022622_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_20220114T022730_20220114T022734_E001	Backscatter Error (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_20220114T022953_20220114T023116_E001	Backscatter Error (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_20220114T023827_20220114T023927_E001	Backscatter Error (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_20220114T030438_20220114T030630_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_20220114T031455_20220114T031701_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_20220114T034319_20220114T034642_E001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220114T035538_20220114T035555_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_20220114T035655_20220114T035723_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_20220114T040143_20220114T040616_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_20220114T044417_20220114T044555_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_20220114T044717_20220114T044842_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220114T045259_20220114T045552_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_20220114T054333_20220114T054902_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_20220114T062411_20220114T062754_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_20220114T063338_20220114T063452_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_20220114T070233_20220114T070436_E001	Backscatter Error (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_20220114T070945_20220114T070948_E001	Backscatter Error (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_20220114T071147_20220114T071237_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_20220114T071420_20220114T071518_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_20220114T072305_20220114T072432_E001	Backscatter Error (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_20220114T072511_20220114T072700_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_20220114T080343_20220114T080700_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_20220114T081212_20220114T081337_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_20220114T083346_20220114T083704_E001	Backscatter Error (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_20220114T085435_20220114T085529_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_20220114T094058_20220114T094452_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_20220114T095121_20220114T095228_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_20220114T103018_20220114T103214_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_20220114T103338_20220114T103454_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_20220114T111906_20220114T111943_E001	Backscatter Error (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_20220114T111944_20220114T112039_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_20220114T112827_20220114T113010_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_20220114T120847_20220114T121408_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_20220114T121928_20220114T121952_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_20220114T122700_20220114T123106_E001	Backscatter Error (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_20220114T125821_20220114T130006_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_20220114T130654_20220114T131307_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_20220114T132318_20220114T132431_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_20220114T134748_20220114T134816_E001	Backscatter Error (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_20220114T134856_20220114T135256_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_20220114T141034_20220114T141239_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_20220114T143736_20220114T143949_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_20220114T144617_20220114T144935_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_220220114T152730_20220114T153119_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_20220114T154651_20220114T155030_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_20220114T161711_20220114T161920_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_20220114T162331_20220114T162334_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records

CS_OFFL_SIR_SIN_2_20220114T162716_20220114T162831_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_20220114T170201_20220114T170812_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_20220114T171712_20220114T171741_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_20220114T175640_20220114T175804_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_20220114T180622_20220114T180739_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_20220114T184410_20220114T184535_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_20220114T184613_20220114T184744_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_20220114T190611_20220114T190812_E001	Backscatter Error (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_20220114T193624_20220114T193750_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_20220114T194314_20220114T194623_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_20220114T203438_20220114T203516_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_20220114T203922_20220114T204044_E001	Backscatter Error (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_20220114T211607_20220114T211728_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_20220114T212214_20220114T212541_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_20220114T221332_20220114T221338_E001	Backscatter Error (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_20220114T221740_20220114T221831_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_20220114T225651_20220114T225926_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_20220114T230120_20220114T230438_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_20220114T230540_20220114T230747_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_20220114T233741_20220114T233840_E001	Backscatter Error (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_20220114T235201_20220114T235321_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_20220114T235637_20220114T235853_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