

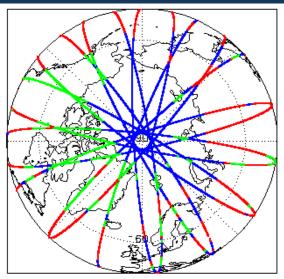
1. Overview

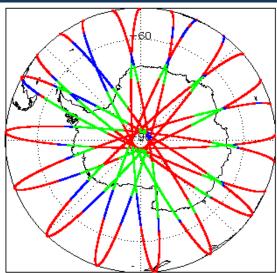
Report Production Date:	01-Mar-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

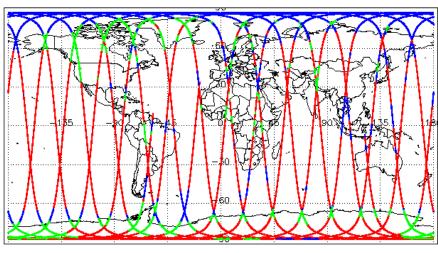
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

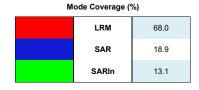
Mission / Instru	ument News
28-Jan-2022	None
29-Jan-2022	None
30-Jan-2022	Nothing planned

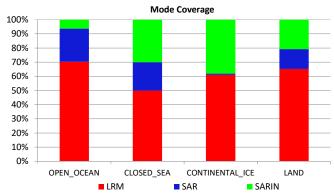
2. Global Coverage

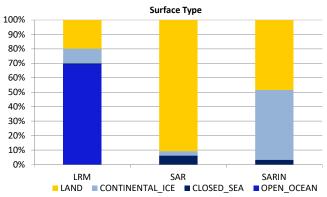












3. Instrument Configuration

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:

0

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:

0

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.

umber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220128T234830_20220129T000105_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T000352_20220129T000530_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T000532_20220129T000714_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T000721_20220129T001251_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T002440_20220129T002720_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T005032_20220129T005314_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T005741_20220129T010147_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T010150_20220129T010158_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T010201_20220129T010449_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T010452_20220129T010524_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T010526_20220129T010530_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T010533_20220129T010547_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T010549_20220129T010553_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T010555_20220129T010602_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T010608_20220129T010612_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T010614_20220129T010640_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T010644_20220129T011204_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T012721_20220129T013311_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T013555_20220129T020000_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T020232_20220129T021116_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T021336_20220129T023824_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T024107_20220129T024150_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T024316_20220129T024320_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T024323_20220129T024722_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T030216_20220129T030307_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T030430_20220129T031019_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T031032_20220129T033828_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T035212_20220129T042023_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T042025_20220129T042226_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T042239_20220129T042537_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T042537_20220129T042755_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T044558_20220129T051733_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T054042_20220129T054816_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T055011_20220129T055507_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T055613_20220129T055719_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T055929_20220129T060026_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T060203_20220129T060313_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T060313_20220129T060509_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T060856_20220129T060941_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T062236_20220129T063337_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T072500_20220129T072927_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T073044_20220129T073414_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T073557_20220129T073839_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T074107_20220129T074235_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T081401_20220129T083553_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T093848_20220129T093901_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T093904_20220129T093905_E001	Loss of echo	The tracking echo is missing for one or more records

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CS_OFFL_SIR_LRM_1B_20220129T093908_20220129T093922_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T093925_20220129T093953_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T094808_20220129T101521_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T102229_20220129T102452_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T103315_20220129T104542_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T111726_20220129T111736_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T111739_20220129T111804_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T111806_20220129T111816_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T111819_20220129T111840_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T111843_20220129T111858_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T111907_20220129T111918_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T111921_20220129T112032_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T112035_20220129T112037_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T112041_20220129T112057_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T112254_20220129T112257_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T112259_20220129T112301_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T112304_20220129T112325_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T112714_20220129T113638_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T113842_20220129T115411_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T121003_20220129T122229_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T122710_20220129T123848_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T125608_20220129T130024_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T130120_20220129T130125_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T130128_20220129T130132_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T130137_20220129T130141_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T130144_20220129T130147_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T130150_20220129T130158_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T130201_20220129T130209_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T130212_20220129T130217_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220129T130220 20220129T130234 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T130236_20220129T130947_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220129T134101 20220129T134214 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T134634_20220129T141343_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T141456_20220129T142124_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T143504_20220129T144115_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220129T144117 20220129T144130 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T144133_20220129T144143_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220129T144148 20220129T144217 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T144222_20220129T144226_E001	Loss of echo	The tracking echo is missing for one or more records
C3_OFFL_3IK_LKW_IB_202201291144222_202201291144220_E001		
CS OFFI SID I DM 1B 20220120T144400 20220120T144458 F001		
CS_OFFL_SIR_LRM_1B_20220129T144400_20220129T144458_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220129T144728_20220129T150813_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_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_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
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CS_OFFL_SIR_LRM_1B_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T152551_20220129T155438_E001 CS_OFFL_SIR_LRM_1B_20220129T161601_20220129T162126_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T16245_E001 CS_OFFL_SIR_LRM_1B_20220129T162417_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162510_E001 CS_OFFL_SIR_LRM_1B_20220129T162512_20220129T162636_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 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_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T152551_20220129T155438_E001 CS_OFFL_SIR_LRM_1B_20220129T161601_20220129T162126_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162417_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162510_E001 CS_OFFL_SIR_LRM_1B_20220129T162512_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162514_E001 CS_OFFL_SIR_LRM_1B_20220129T165900_20220129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T175652_20220129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T18044_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181459_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T182253_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T194854_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_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T152551_20220129T155438_E001 CS_OFFL_SIR_LRM_1B_20220129T161001_20220129T162126_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162510_E001 CS_OFFL_SIR_LRM_1B_20220129T162512_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162514_E001 CS_OFFL_SIR_LRM_1B_20220129T165900_20220129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T175652_20220129T175914_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T180719_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181459_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T182253_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T194245_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T194245_20220129T018822_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_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T152551_20220129T155438_E001 CS_OFFL_SIR_LRM_1B_20220129T161001_20220129T162126_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162510_E001 CS_OFFL_SIR_LRM_1B_20220129T162512_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162514_E001 CS_OFFL_SIR_LRM_1B_20220129T165900_20220129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T175652_20220129T175914_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T180719_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T181253_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T182253_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T194245_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T194245_20220129T018822_E001 CS_OFFL_SIR_LRM_1B_20220129T194245_20220129T018822_E001 CS_OFFL_SIR_LRM_1B_20220129T01319_20220129T018822_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_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T152551_20220129T155438_E001 CS_OFFL_SIR_LRM_1B_20220129T16101_20220129T162126_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162510_E001 CS_OFFL_SIR_LRM_1B_20220129T162512_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162514_E001 CS_OFFL_SIR_LRM_1B_20220129T165900_20220129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T175652_20220129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T18044_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T180513_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T180621_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T180621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T194245_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T194245_20220129T208732_E001 CS_OFFL_SIR_LRM_1B_20220129T202427_20220129T20077_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_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T152551_20220129T155438_E001 CS_OFFL_SIR_LRM_1B_20220129T16101_20220129T162126_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162510_E001 CS_OFFL_SIR_LRM_1B_20220129T162512_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162514_E001 CS_OFFL_SIR_LRM_1B_20220129T165203_2020129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T175652_20220129T175914_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180237_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T180719_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181459_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T194245_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T194245_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T201319_20220129T20822_E001 CS_OFFL_SIR_LRM_1B_20220129T201319_20220129T208732_E001 CS_OFFL_SIR_LRM_1B_20220129T202427_20220129T2007_E001 CS_OFFL_SIR_LRM_1B_20220129T20005_20220129T20000_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_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T152551_20220129T155438_E001 CS_OFFL_SIR_LRM_1B_20220129T161601_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T16245_E001 CS_OFFL_SIR_LRM_1B_20220129T162417_20220129T16249_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162510_E001 CS_OFFL_SIR_LRM_1B_20220129T162512_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162514_E001 CS_OFFL_SIR_LRM_1B_20220129T165900_20220129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T175652_20220129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T180719_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T18459_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T194245_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T194245_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T201319_20220129T201822_E001 CS_OFFL_SIR_LRM_1B_20220129T201319_20220129T201822_E001 CS_OFFL_SIR_LRM_1B_20220129T2005_2020129T2007_E001 CS_OFFL_SIR_LRM_1B_20220129T2005_2020129T20050_E001 CS_OFFL_SIR_LRM_1B_20220129T210005_20220129T210050_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_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T161551_20220129T155438_E001 CS_OFFL_SIR_LRM_1B_20220129T16101_20220129T162126_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T16245_E001 CS_OFFL_SIR_LRM_1B_20220129T162417_20220129T16245_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162510_E001 CS_OFFL_SIR_LRM_1B_20220129T162512_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T165900_20220129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T175652_20220129T175914_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180237_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181459_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T18459_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T201822_E001 CS_OFFL_SIR_LRM_1B_20220129T20005_20220129T2007732_E001 CS_OFFL_SIR_LRM_1B_20220129T20005_20220129T2007_E001 CS_OFFL_SIR_LRM_1B_20220129T20005_20220129T20005_E001 CS_OFFL_SIR_LRM_1B_20220129T210005_20220129T21005_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_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T161551_20220129T155438_E001 CS_OFFL_SIR_LRM_1B_20220129T16101_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162510_E001 CS_OFFL_SIR_LRM_1B_20220129T162512_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T165900_20220129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T175652_20220129T175914_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180237_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T180719_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T18459_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T194245_20220129T201822_E001 CS_OFFL_SIR_LRM_1B_20220129T20005_20220129T2007732_E001 CS_OFFL_SIR_LRM_1B_20220129T20005_20220129T20005_E001 CS_OFFL_SIR_LRM_1B_20220129T210005_20220129T21005_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T21005_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T21009_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_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T161551_20220129T155438_E001 CS_OFFL_SIR_LRM_1B_20220129T16101_20220129T162416_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162417_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162506_E001 CS_OFFL_SIR_LRM_1B_20220129T162512_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162514_E001 CS_OFFL_SIR_LRM_1B_20220129T165900_20220129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T180719_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181459_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181459_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T19005_20220129T20822_E001 CS_OFFL_SIR_LRM_1B_20220129T20005_20220129T20050_E001 CS_OFFL_SIR_LRM_1B_20220129T20005_20220129T20050_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T210103_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T210109_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T210109_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T210109_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T2210109_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T2210109_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T2210109_E001 CS_OFFL_SIR_LRM_1B_20220129T220413_20220129T2210109_E001 CS_OFFL_SIR_LRM_1B_20220129T220413_20220129T221044_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_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T152551_20220129T155438_E001 CS_OFFL_SIR_LRM_1B_20220129T161601_20220129T16245_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162417_20220129T162450_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162506_E001 CS_OFFL_SIR_LRM_1B_20220129T162512_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162514_E001 CS_OFFL_SIR_LRM_1B_20220129T165900_20220129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T180719_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T18459_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T19005_20220129T2005732_E001 CS_OFFL_SIR_LRM_1B_20220129T20005_20220129T20050_E001 CS_OFFL_SIR_LRM_1B_20220129T210005_20220129T210050_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T210103_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T210109_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T210109_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T210109_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T210109_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T2210109_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T2210109_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T2210109_E001 CS_OFFL_SIR_LRM_1B_20220129T210105_20220129T2210109_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_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T162551_20220129T165438_E001 CS_OFFL_SIR_LRM_1B_20220129T16101_20220129T162126_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162417_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162510_E001 CS_OFFL_SIR_LRM_1B_20220129T162512_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162514_E001 CS_OFFL_SIR_LRM_1B_20220129T165900_20220129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180237_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181459_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T20005_20220129T20007_E001 CS_OFFL_SIR_LRM_1B_20220129T20005_20220129T20007_E001 CS_OFFL_SIR_LRM_1B_20220129T20005_20220129T20009_E001 CS_OFFL_SIR_LRM_1B_20220129T20005_20220129T201003_E001 CS_OFFL_SIR_LRM_1B_20220129T210005_20220129T210103_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T210103_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T2210109_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T2210109_E001 CS_OFFL_SIR_LRM_1B_20220129T220015_20220129T2210109_E001 CS_OFFL_SIR_LRM_1B_20220129T220015_20220129T2210109_E001 CS_OFFL_SIR_LRM_1B_20220129T220015_20220129T2210109_E001 CS_OFFL_SIR_LRM_1B_20220129T2200139T2220129T2210109 CS_OFFL_SIR_LRM_1B_20220129T22013952200129T2200129T221001 CS_OFFL_SIR_LRM_1B_20220129T22010520020129T2200129T221001 CS_OFFL_SIR_LRM_1B_20220129T220005_2020129T22001_E001 CS_OFFL_SIR_LRM_1B_20220129T220005_2020129T22001_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for
CS_OFFL_SIR_LRM_1B_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T161551_20220129T155438_E001 CS_OFFL_SIR_LRM_1B_20220129T16101_20220129T162126_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162417_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162510_E001 CS_OFFL_SIR_LRM_1B_20220129T162512_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T165900_20220129T170228_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180237_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181459_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181459_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T180621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T20019_20220129T20072_E001 CS_OFFL_SIR_LRM_1B_20220129T20054_20220129T20072_E001 CS_OFFL_SIR_LRM_1B_20220129T20054_20220129T20050_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T210103_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T210109_E001 CS_OFFL_SIR_LRM_1B_20220129T210054_20220129T221494_E001 CS_OFFL_SIR_LRM_1B_20220129T2201105_20220129T221494_E001 CS_OFFL_SIR_LRM_1B_20220129T2201105_20220129T221942_E001 CS_OFFL_SIR_LRM_1B_20220129T220105_2020129T221942_E001 CS_OFFL_SIR_LRM_1B_20220129T220105_2020129T22001 CS_OFFL_SIR_LRM_1B_20220129T220129T2200129T22001 CS_OFFL_SIR_LRM_1B_20220129T220129T2200129T22001 CS_OFFL_SIR_LRM_1B_20220129T220129T2200129T22001 CS_OFFL_SIR_LRM_1B_20220129T221956_2020129T22001_E001 CS_OFFL_SIR_LRM_1B_20220129T221956_2020129T22001_E001 CS_OFFL_SIR_LRM_1B_20220129T220301_2000129T220001_C001	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_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T161601_20220129T162126_E001 CS_OFFL_SIR_LRM_1B_20220129T16206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162417_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162510_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T165214_E001 CS_OFFL_SIR_LRM_1B_20220129T165900_20220129T175914_E001 CS_OFFL_SIR_LRM_1B_20220129T175652_20220129T175914_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180237_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T18013_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T18013_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181459_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T182253_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T19353_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T20319_20220129T1007_E001 CS_OFFL_SIR_LRM_1B_20220129T2005_20220129T2007_E001 CS_OFFL_SIR_LRM_1B_20220129T2005_2020129T21007_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21005_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T220413_20220129T221942_E001 CS_OFFL_SIR_LRM_1B_20220129T220413_20220129T221942_E001 CS_OFFL_SIR_LRM_1B_20220129T220413_20220129T223500_E001 CS_OFFL_SIR_LRM_1B_20220129T222630_2020129T2223500_E001 CS_OFFL_SIR_LRM_1B_20220129T2223830_2020129T223835_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for
CS_OFFL_SIR_LRM_1B_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T161601_20220129T162126_E001 CS_OFFL_SIR_LRM_1B_20220129T161601_20220129T162126_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162417_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162510_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T165214_E001 CS_OFFL_SIR_LRM_1B_20220129T165900_20220129T175914_E001 CS_OFFL_SIR_LRM_1B_20220129T175652_20220129T175914_E001 CS_OFFL_SIR_LRM_1B_20220129T180237_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180237_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T180719_20220129T18051_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181459_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T182253_E001 CS_OFFL_SIR_LRM_1B_20220129T193553_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T1913953_20220129T201822_E001 CS_OFFL_SIR_LRM_1B_20220129T201319_20220129T201822_E001 CS_OFFL_SIR_LRM_1B_20220129T2005_20220129T2007_E001 CS_OFFL_SIR_LRM_1B_20220129T2005_20220129T21007_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_20220129T21005_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_20220129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_20220129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_20220129T210109_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21044_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T220413_20220129T221942_E001 CS_OFFL_SIR_LRM_1B_20220129T220413_20220129T221942_E001 CS_OFFL_SIR_LRM_1B_20220129T220413_20220129T223500_E001 CS_OFFL_SIR_LRM_1B_20220129T222383_2020129T223835_E001 CS_OFFL_SIR_LRM_1B_20220129T223835_2020129T223835_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for
CS_OFFL_SIR_LRM_1B_20220129T144728_20220129T150813_E001 CS_OFFL_SIR_LRM_1B_20220129T151558_20220129T151937_E001 CS_OFFL_SIR_LRM_1B_20220129T161601_20220129T162126_E001 CS_OFFL_SIR_LRM_1B_20220129T16206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162206_20220129T162415_E001 CS_OFFL_SIR_LRM_1B_20220129T162417_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162429_E001 CS_OFFL_SIR_LRM_1B_20220129T162431_20220129T162510_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T162636_E001 CS_OFFL_SIR_LRM_1B_20220129T162639_20220129T165214_E001 CS_OFFL_SIR_LRM_1B_20220129T165900_20220129T175914_E001 CS_OFFL_SIR_LRM_1B_20220129T175652_20220129T175914_E001 CS_OFFL_SIR_LRM_1B_20220129T180217_20220129T180235_E001 CS_OFFL_SIR_LRM_1B_20220129T180237_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T18013_20220129T180328_E001 CS_OFFL_SIR_LRM_1B_20220129T180613_20220129T180644_E001 CS_OFFL_SIR_LRM_1B_20220129T18013_20220129T181051_E001 CS_OFFL_SIR_LRM_1B_20220129T181349_20220129T181459_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T182253_E001 CS_OFFL_SIR_LRM_1B_20220129T181550_20220129T193621_E001 CS_OFFL_SIR_LRM_1B_20220129T19353_20220129T194854_E001 CS_OFFL_SIR_LRM_1B_20220129T20319_20220129T1007_E001 CS_OFFL_SIR_LRM_1B_20220129T2005_20220129T2007_E001 CS_OFFL_SIR_LRM_1B_20220129T2005_2020129T21007_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21005_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T21005_2020129T21009_E001 CS_OFFL_SIR_LRM_1B_20220129T220413_20220129T221942_E001 CS_OFFL_SIR_LRM_1B_20220129T220413_20220129T221942_E001 CS_OFFL_SIR_LRM_1B_20220129T220413_20220129T223500_E001 CS_OFFL_SIR_LRM_1B_20220129T222630_2020129T2223500_E001 CS_OFFL_SIR_LRM_1B_20220129T2223830_2020129T223835_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for

CS_OFFL_SIR_LRM_1B_20220129T224008_20220129T224043_E001	Loss of echo	The tracking echo is missing for one or more records
00 0551 015 1511 15 000001005001010 00000100501010 5001		T
CS_OFFL_SIR_LRM_1B_20220129T224046_20220129T224046_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220129T224049 20220129T224056 E001	Loss of echo	The tracking echo is missing for one or more records
C3_OFFL_3IK_LKWI_IB_202201291224049_202201291224030_E001	LOSS OF ECHO	The tracking echo is missing for one of more records
CS OFFL SIR LRM 1B 20220129T231245 20220129T232715 E001	Loss of echo	The tracking echo is missing for one or more records
00_011E_01(_E1(M_1B_202201201201240_E02201201202110_E001	Edda of conc	The tracking cone to micomy for one of more records
CS_OFFL_SIR_LRM_1B_20220129T233432_20220129T233640_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220129T234328 20220129T235556 E001	Loss of echo	The tracking echo is missing for one or more records
		ŭ ŭ
CS OFFL SIR LRM 1B 20220129T235706 20220129T235854 E001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

Number of products with errors:

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

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 20220129T112714 20220129T113638 E001	Echo error. TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set,
00_011E_011C_11Wi_1B_202201291112714_202201291113030_E001	Lond end, True cond end	indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

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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: 243

Product	Test Failed	Description
	, ,	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220129T003410_20220129T004852_E001	, , , , , , , , , , , , , , , , , , , ,	There is a height and backscatter error for Retracker 2 for one or more records
		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_220220129T010201_20220129T010449_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220129T012721_20220129T013311_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_220220129T013555_20220129T020000_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_220220129T021336_20220129T023824_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_220220129T031032_20220129T033828_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_220220129T035212_20220129T042023_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_220220129T044558_20220129T051733_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_220220129T053131_20220129T053735_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_220220129T054042_20220129T054816_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_220220129T055929_20220129T060026_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_20220129T060856_20220129T060941_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_220220129T062236_20220129T063337_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220129T063343_20220129T065715_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_220220129T071019_20220129T071309_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_20220129T072500_20220129T072927_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_220220129T080203_20220129T081115_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_220220129T081401_20220129T083553_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_220220129T084933_20220129T091139_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_220220129T091224_20220129T091653_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_220220129T091937_20220129T092447_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_220220129T092600_20220129T092603_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_220220129T094337_20220129T094642_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_220220129T094808_20220129T101521_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_220220129T103315_20220129T104542_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_220220129T104637_20220129T110337_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_220220129T112714_20220129T113638_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_220220129T113842_20220129T115411_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_220220129T121003_20220129T122229_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_220220129T122710_20220129T123848_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_220220129T124128_20220129T124249_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220129T131804_20220129T133310_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_220220129T134634_20220129T141343_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_220220129T144728_20220129T150813_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_220220129T152551_20220129T155438_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_220220129T162206_20220129T162415_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220129T162639_20220129T165214_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_220220129T170629_20220129T174031_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_220220129T175311_20220129T175429_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_220220129T180217_20220129T180235_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_220220129T182906_20220129T183155_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_20220129T184519_20220129T191005_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_20220129T191010_20220129T191857_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_2_20220129T193215_20220129T193401_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_20220129T193414_20220129T193426_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_20220129T194245_20220129T194854_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_220220129T195132_20220129T201111_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_20220129T202427_20220129T205732_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_220220129T212302_20220129T214559_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_20220129T220413_20220129T221619_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_20220129T221710_20220129T221942_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_20220129T222024_20220129T222148_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_20220129T222630_20220129T223500_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_20220129T225348_20220129T231039_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_220220129T231245_20220129T232715_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_20220129T234328_20220129T235556_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_220220129T235706_20220129T235854_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_SAR_220220129T001251_20220129T001731_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T003347_20220129T003410_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T004852_20220129T005031_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T005315_20220129T005552_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T005552_20220129T005741_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T011204_20220129T011325_E001	Backscatter Error (Retracker 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_20220129T011350_20220129T011810_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T012023_20220129T012114_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T012343_20220129T012418_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T013311_20220129T013432_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T020000_20220129T020052_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T021314_20220129T021335_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220220129T024934_20220129T024941_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_2_20220129T024942_20220129T025309_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T025312_20220129T025730_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T033829_20220129T034029_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T035148_20220129T035211_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T042755_20220129T043808_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T051733_20220129T052012_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T053113_20220129T053130_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T053735_20220129T054041_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T055719_20220129T055928_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T060027_20220129T060136_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T060509_20220129T060551_E001	Backscatter Error (Retracker 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_20220129T060942_20220129T061051_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T061130_20220129T061917_E001	Backscatter Error (Retracker 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_20220129T065716_20220129T065954_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T070939_20220129T071019_E001	Backscatter Error (Retracker 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_20220129T071309_20220129T071435_E001	Backscatter Error (Retracker 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_20220129T072446_20220129T072500_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T073839_20220129T074028_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T074235_20220129T074254_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T074254_20220129T074538_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T074717_20220129T074752_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T074804_20220129T075054_E001	Backscatter Error (Retracker 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_20220129T075115_20220129T080203_E001	Backscatter Error (Retracker 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_20220129T081115_20220129T081401_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T083554_20220129T083713_E001	Backscatter Error (Retracker 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_20220129T084844_20220129T084933_E001	Backscatter Error (Retracker 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_20220129T091653_20220129T091937_E001	Backscatter Error (Retracker 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_20220129T092603_20220129T092643_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T093102_20220129T093827_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T094012_20220129T094232_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T094257_20220129T094337_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T094643_20220129T094808_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T102638_20220129T103315_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

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CS_OFFL_SIR_SAR_220220129T104543_20220129T104637_E001	Backscatter Error (Retracker 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_20220129T111010_20220129T111534_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T111626_20220129T111725_E001	Backscatter Error (Retracker 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_20220129T112514_20220129T112713_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T113638_20220129T113841_E001	Backscatter Error (Retracker 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_20220129T115412_20220129T115429_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T120537_20220129T120802_E001	Backscatter Error (Retracker 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_20220129T120927_20220129T121003_E001	Backscatter Error (Retracker 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_20220129T123849_20220129T123952_E001	Backscatter Error (Retracker 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_20220129T124249_20220129T124338_E001	Backscatter Error (Retracker 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_20220129T124653_20220129T124701_E001	Backscatter Error (Retracker 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_20220129T124911_20220129T125608_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T130948_20220129T131804_E001	Backscatter Error (Retracker 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_20220129T133311_20220129T133325_E001	Backscatter Error (Retracker 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_20220129T134551_20220129T134634_E001	Backscatter Error (Retracker 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_20220129T141343_20220129T141456_E001	Backscatter Error (Retracker 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_20220129T142734_20220129T143241_E001	Backscatter Error (Retracker 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_20220129T143318_20220129T143504_E001	Backscatter Error (Retracker 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_20220129T150813_20220129T150903_E001	Backscatter Error (Retracker 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_20220129T151307_20220129T151328_E001	Backscatter Error (Retracker 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_20220129T152509_20220129T152551_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T160453_20220129T161305_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T161329_20220129T161528_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T165215_20220129T165231_E001	Backscatter Error (Retracker 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_20220129T170410_20220129T170628_E001	Backscatter Error (Retracker 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_20220129T174344_20220129T175116_E001	Backscatter Error (Retracker 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_20220129T175131_20220129T175311_E001	Backscatter Error (Retracker 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_20220129T175429_20220129T175652_E001	Backscatter Error (Retracker 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_20220129T180030_20220129T180216_E001	Backscatter Error (Retracker 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_20220129T180329_20220129T180613_E001	Backscatter Error (Retracker 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_20220129T182253_20220129T182543_E001	Backscatter Error (Retracker 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_20220129T182706_20220129T182905_E001	Backscatter Error (Retracker 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_20220129T183155_20220129T183235_E001	Backscatter Error (Retracker 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_20220129T184239_20220129T184519_E001	Backscatter Error (Retracker 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_20220129T191005_20220129T191010_E001	Backscatter Error (Retracker 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_20220129T191858_20220129T192913_E001	Backscatter Error (Retracker 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_20220129T192913_20220129T193037_E001	Backscatter Error (Retracker 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_20220129T193150_20220129T193214_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T193639_20220129T193833_E001	Backscatter Error (Retracker 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_20220129T194044_20220129T194244_E001	Backscatter Error (Retracker 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_20220129T201111_20220129T201204_E001	Backscatter Error (Retracker 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_20220129T202140_20220129T202426_E001	Backscatter Error (Retracker 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_20220129T205732_20220129T210004_E001	Backscatter Error (Retracker 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_20220129T210118_20220129T210813_E001	Backscatter Error (Retracker 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_20220129T214559_20220129T215257_E001	Backscatter Error (Retracker 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_20220129T220354_20220129T220412_E001	Backscatter Error (Retracker 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_20220129T221620_20220129T221710_E001	Backscatter Error (Retracker 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_20220129T222149_20220129T222629_E001	Backscatter Error (Retracker 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_20220129T223500_20220129T223556_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220129T223627_20220129T223746_E001	Backscatter Error (Retracker 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_20220129T224108_20220129T224703_E001	Backscatter Error (Retracker 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_20220129T224703_20220129T224812_E001	Backscatter Error (Retracker 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_20220129T225328_20220129T225348_E001	Backscatter Error (Retracker 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_20220129T231039_20220129T231244_E001	Backscatter Error (Retracker 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_20220129T232715_20220129T232806_E001	Backscatter Error (Retracker 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_20220129T232940_20220129T233058_E001	Backscatter Error (Retracker 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_20220129T234318_20220129T234328_E001	Backscatter Error (Retracker 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_20220129T235556_20220129T235705_E001	Backscatter Error (Retracker 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_20220129T235855_20220130T000055_E001	Backscatter Error (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_220220129T001829_20220129T002440_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_220220129T002720_20220129T002738_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220129T003206_20220129T003347_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_20220129T011326_20220129T011350_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_220220129T011810_20220129T012023_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_220220129T012115_20220129T012342_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_220220129T013432_20220129T013554_E001	Backscatter Error (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_220220129T020052_20220129T020232_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_220220129T021117_20220129T021314_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_220220129T023824_20220129T024059_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_220220129T024151_20220129T024313_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_220220129T025310_20220129T025312_E001	Backscatter Error (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_220220129T025731_20220129T030215_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_220220129T034030_20220129T034201_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_220220129T034336_20220129T034448_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220129T034910_20220129T035147_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_220220129T043808_20220129T044558_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_220220129T052013_20220129T052402_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_220220129T052950_20220129T053112_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_220220129T060136_20220129T060156_E001	Backscatter Error (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_220220129T060552_20220129T060714_E001	Backscatter Error (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_220220129T060818_20220129T060855_E001	Backscatter Error (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_220220129T061051_20220129T061129_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_220220129T061918_20220129T062028_E001	Backscatter Error (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_20220129T062111_20220129T062236_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_220220129T065955_20220129T070309_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_220220129T070823_20220129T070938_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_220220129T072928_20220129T072956_E001	Backscatter Error (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_220220129T074028_20220129T074106_E001	Backscatter Error (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_220220129T075054_20220129T075114_E001	Backscatter Error (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_220220129T083713_20220129T084133_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_220220129T084728_20220129T084844_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_220220129T091139_20220129T091224_E001	Backscatter Error (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_220220129T092531_20220129T092600_E001	Backscatter Error (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_220220129T092643_20220129T092922_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_220220129T092937_20220129T093102_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_220220129T101522_20220129T101644_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_220220129T102452_20220129T102638_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_220220129T110337_20220129T110747_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_20220129T110907_20220129T111010_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_220220129T111534_20220129T111626_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_20220129T112325_20220129T112514_E001	Backscatter Error (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_20220129T115430_20220129T115612_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_20220129T120307_20220129T120537_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_220220129T120803_20220129T120926_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_220220129T124338_20220129T124653_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_220220129T124701_20220129T124910_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_20220129T133325_20220129T133541_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_20220129T134215_20220129T134550_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_20220129T142342_20220129T142733_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_220220129T143241_20220129T143318_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_20220129T144226_20220129T144400_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_220220129T144458_20220129T144727_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_20220129T151328_20220129T151557_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_20220129T151938_20220129T151945_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220129T152327_20220129T152509_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_220220129T155438_20220129T160452_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_20220129T161306_20220129T161329_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_20220129T165232_20220129T165357_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_20220129T170229_20220129T170409_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_220220129T174032_20220129T174146_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_20220129T174228_20220129T174343_E001	Backscatter Error (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_20220129T175116_20220129T175131_E001	Backscatter Error (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_20220129T183235_20220129T183356_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_20220129T183924_20220129T184239_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_220220129T193037_20220129T193150_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_20220129T193401_20220129T193414_E001	Backscatter Error (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_20220129T193427_20220129T193553_E001	Backscatter Error (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_20220129T194855_20220129T195131_E001	Backscatter Error (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_20220129T201205_20220129T201319_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_220220129T201823_20220129T202140_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_220220129T215258_20220129T215535_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_220220129T215728_20220129T220354_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_20220129T224812_20220129T224932_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_220220129T225212_20220129T225328_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_20220129T232807_20220129T232939_E001	Backscatter Error (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_220220129T233058_20220129T233432_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_220220129T233640_20220129T233731_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220129T234142_20220129T234318_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