

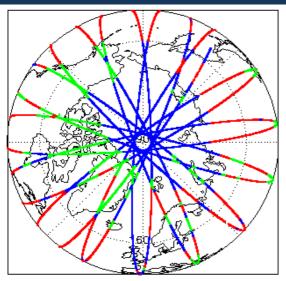
# 1. Overview

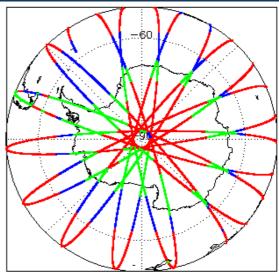
Report Production Date:	26-Jan-2022	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

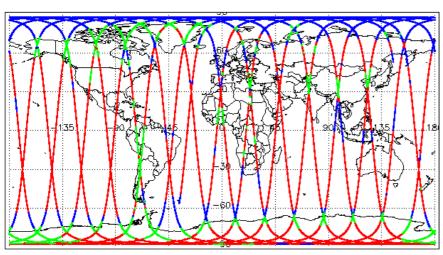
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

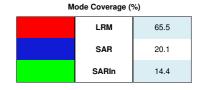
Ì	Mission / Instru	ment News
	25-Dec-2021	None
	26-Dec-2021	None
	27-Dec-2021	Nothing planned

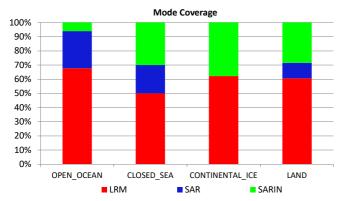
# 2. Global Coverage

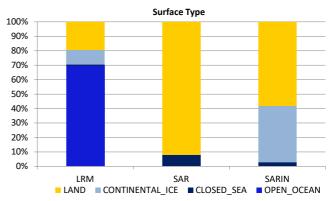












# 3. Instrument Configuration

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:

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### 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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20211226T000134_20211226T000152_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T000158_20211226T000211_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T000213_20211226T000224_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T000230_20211226T000233_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T000239_20211226T000243_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T000246_20211226T000303_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T000306_20211226T000321_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T000330_20211226T000336_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T000339_20211226T000340_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T000345_20211226T000358_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T003539_20211226T004923_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T005733_20211226T005933_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T010633_20211226T012155_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T012357_20211226T013320_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T013620_20211226T013719_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T013721_20211226T013808_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T013810_20211226T013823_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T013827_20211226T013842_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T013845_20211226T013857_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T013859_20211226T013915_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T013918_20211226T014008_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T014010_20211226T014015_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T014017_20211226T014021_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T014023_20211226T014346_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T015908_20211226T021240_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T021843_20211226T021913_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T022833_20211226T023002_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T030919_20211226T031026_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T031428_20211226T031513_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T031516_20211226T031554_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T031556_20211226T031558_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T031604_20211226T031607_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T031609_20211226T031702_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T031707_20211226T031712_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T031721_20211226T031727_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T031729_20211226T031734_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T031739_20211226T031743_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T031745_20211226T031748_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T031752_20211226T031822_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T031828_20211226T031934_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T031936_20211226T031955_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T031958_20211226T031959_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T032005_20211226T032325_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T033847_20211226T035303_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T035305_20211226T041108_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T041644_20211226T042228_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T042600_20211226T045031_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T045422_20211226T045908_E001	Loss of echo	The tracking echo is missing for one or more records

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CS_OFFL_SIR_LRM_1B_20211226T045923_20211226T050006_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T050006_20211226T050041_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T051403_20211226T051443_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T051606_20211226T051908_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211226T052157 20211226T052434 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211226T060440 20211226T063218 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T063221_20211226T063314_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T063316_20211226T063321_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211226T063326 20211226T063349 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T063402_20211226T063606_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T063639_20211226T063911_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211226T075236 20211226T075819 E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20211226T075938_20211226T080637_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T081213_20211226T081306_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T081319_20211226T081443_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T081443_20211226T081536_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20211226T094454_20211226T094949_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211226T095024 20211226T095201 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T105456_20211226T105856_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T114957_20211226T115047_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T115052_20211226T115057_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20211226T115100_20211226T115105_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T115108_20211226T115114_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211226T115117 20211226T115120 E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20211226T115124_20211226T115133_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T115305_20211226T120417_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T120858_20211226T121025_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T121028_20211226T122234_E001	Loss of echo	
		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T124435_20211226T125717_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T125931_20211226T131636_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T132905_20211226T132909_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T132912_20211226T133011_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T133020_20211226T133025_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T133027_20211226T133038_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T133041_20211226T133233_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T133237_20211226T133510_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211226T133851 20211226T134448 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T134450_20211226T134822_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T135057_20211226T140508_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151131_E001 CS_OFFL_SIR_LRM_1B_20211226T15133_20211226T151306_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151700_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T15124_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151214_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T1515208_E001 CS_OFFL_SIR_LRM_1B_20211226T154747_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155510_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151131_E001 CS_OFFL_SIR_LRM_1B_20211226T15133_20211226T151306_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151700_E001 CS_OFFL_SIR_LRM_1B_20211226T151204_20211226T151214_E001 CS_OFFL_SIR_LRM_1B_20211226T151204_20211226T151214_E001 CS_OFFL_SIR_LRM_1B_20211226T151204_20211226T151214_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T15124_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 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
CS_OFFL_SIR_LRM_1B_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151131_E001 CS_OFFL_SIR_LRM_1B_20211226T15133_20211226T151306_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151700_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T15124_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151214_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T1515208_E001 CS_OFFL_SIR_LRM_1B_20211226T154747_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155510_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151131_E001 CS_OFFL_SIR_LRM_1B_20211226T15133_20211226T151306_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T1512124_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155215_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T15225_E001 CS_OFFL_SIR_LRM_1B_20211226T155843_20211226T15225_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151313_E001 CS_OFFL_SIR_LRM_1B_20211226T15133_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T15120_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155410_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155410_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155205_E001 CS_OFFL_SIR_LRM_1B_20211226T155843_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T162217_20211226T163306_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151131_E001 CS_OFFL_SIR_LRM_1B_20211226T15133_20211226T151306_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T1512124_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155215_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T15225_E001 CS_OFFL_SIR_LRM_1B_20211226T155843_20211226T15225_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151313_E001 CS_OFFL_SIR_LRM_1B_20211226T15133_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T15120_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155410_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155410_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155205_E001 CS_OFFL_SIR_LRM_1B_20211226T155843_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T162217_20211226T163306_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151306_E001 CS_OFFL_SIR_LRM_1B_20211226T151333_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T15124_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T152124_E001 CS_OFFL_SIR_LRM_1B_20211226T155200_20121226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T15520_20121226T155205_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20121226T162215_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20121226T162215_E001 CS_OFFL_SIR_LRM_1B_20211226T15247_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163445_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163445_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163445_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144101_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151306_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151700_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T152124_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155430_20211226T162215_E001 CS_OFFL_SIR_LRM_1B_20211226T155843_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165304_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165304_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165304_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165304_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165304_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165304_20211226T173454_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151306_E001 CS_OFFL_SIR_LRM_1B_20211226T151333_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T15124_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T152124_E001 CS_OFFL_SIR_LRM_1B_20211226T155200_20121226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T15520_20121226T155205_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20121226T162215_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20121226T162215_E001 CS_OFFL_SIR_LRM_1B_20211226T15247_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163445_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163445_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163445_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144101_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151306_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151700_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T152124_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155430_20211226T162215_E001 CS_OFFL_SIR_LRM_1B_20211226T155843_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165304_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165304_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165304_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165304_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165304_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165304_20211226T173454_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144101_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151306_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151700_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_2011226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_2011226T162215_E001 CS_OFFL_SIR_LRM_1B_20211226T162217_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20111226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T16208_2011226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T16345_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T165445_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T183355_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151313_E001 CS_OFFL_SIR_LRM_1B_20211226T15133_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T15124_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T152104_E001 CS_OFFL_SIR_LRM_1B_20211226T155200_2011226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T162215_E001 CS_OFFL_SIR_LRM_1B_20211226T162217_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T16208_20121226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T16208_20121226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T16345_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163366_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T16345_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T183351_20211226T183355_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T183355_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T190236_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144101_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151306_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151700_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_2011226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_2011226T162215_E001 CS_OFFL_SIR_LRM_1B_20211226T162217_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20111226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T16208_2011226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T16345_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T165445_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T183355_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151313_E001 CS_OFFL_SIR_LRM_1B_20211226T15133_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T15124_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T152104_E001 CS_OFFL_SIR_LRM_1B_20211226T155200_2011226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T162215_E001 CS_OFFL_SIR_LRM_1B_20211226T162217_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T16208_20121226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T16208_20121226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T16345_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163366_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T16345_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T183351_20211226T183355_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T183355_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T190236_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T143001_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144403_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151313_E001 CS_OFFL_SIR_LRM_1B_20211226T15133_20211226T151306_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T1515204_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T152124_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T16345_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T183555_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T190236_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T19036_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T19036_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T19036_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T19036_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T191402_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T191402_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144403_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151313_E001 CS_OFFL_SIR_LRM_1B_20211226T15133_20211226T151336_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T1515204_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T152124_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T165217_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T190236_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T19026_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T19026_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T19026_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T191402_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T191402_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T191402_E001 CS_OFFL_SIR_LRM_1B_20211226T190554_20211226T195137_E001 CS_OFFL_SIR_LRM_1B_20211226T190554_20211226T195137_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T143001_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144403_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151313_E001 CS_OFFL_SIR_LRM_1B_20211226T15133_20211226T151306_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T1515204_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T152124_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T16345_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T183555_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T190236_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T19036_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T19036_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T19036_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T19036_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T191402_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T191402_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144403_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151313_E001 CS_OFFL_SIR_LRM_1B_20211226T15133_20211226T151336_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T1515204_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T152124_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T165217_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T190236_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T19026_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T19026_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T19026_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T191402_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T191402_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T191402_E001 CS_OFFL_SIR_LRM_1B_20211226T190554_20211226T195137_E001 CS_OFFL_SIR_LRM_1B_20211226T190554_20211226T195137_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144310_E001 CS_OFFL_SIR_LRM_1B_20211226T144433_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151131_E001 CS_OFFL_SIR_LRM_1B_20211226T15133_20211226T151306_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151344_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T1515100_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T15124_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T152124_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T162215_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T163355_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173464_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165842_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T190336_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T190336_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T190336_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T190336_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T190336_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T190336_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T190336_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T190336_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T190352_E001 CS_OFFL_SIR_LRM_1B_20211226T190366_20211226T1903552_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T14410_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151301_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_2011226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151204_E001 CS_OFFL_SIR_LRM_1B_20211226T15204_20211226T15204_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T15204_E001 CS_OFFL_SIR_LRM_1B_20211226T15230_20211226T152416_E001 CS_OFFL_SIR_LRM_1B_20211226T15530_20211226T152416_E001 CS_OFFL_SIR_LRM_1B_20211226T15520_201211226T162215_E001 CS_OFFL_SIR_LRM_1B_20211226T15520_20111226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T165306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T190236_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T190236_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T191402_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T191402_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T191355_E001 CS_OFFL_SIR_LRM_1B_20211226T191843_20211226T195137_E001 CS_OFFL_SIR_LRM_1B_20211226T191843_20211226T195135_E001 CS_OFFL_SIR_LRM_1B_20211226T190564_20211226T200645_E001 CS_OFFL_SIR_LRM_1B_20211226T10629_20211226T201352_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_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T144101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151304_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151308_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_200211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151700_E001 CS_OFFL_SIR_LRM_1B_20211226T15204_20211226T152124_E001 CS_OFFL_SIR_LRM_1B_20211226T15204_20211226T155208_E001 CS_OFFL_SIR_LRM_1B_20211226T155200_20211226T155210_E001 CS_OFFL_SIR_LRM_1B_20211226T155230_20211226T15215_E001 CS_OFFL_SIR_LRM_1B_20211226T155843_20211226T162215_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T163306_E001 CS_OFFL_SIR_LRM_1B_20211226T165308_20211226T16345_E001 CS_OFFL_SIR_LRM_1B_20211226T165308_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165308_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T183351_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T190236_E001 CS_OFFL_SIR_LRM_1B_20211226T183351_20211226T191402_E001 CS_OFFL_SIR_LRM_1B_20211226T19843_20211226T191026_E001 CS_OFFL_SIR_LRM_1B_20211226T191843_20211226T191352_E001 CS_OFFL_SIR_LRM_1B_20211226T191843_20211226T195137_E001 CS_OFFL_SIR_LRM_1B_20211226T191843_20211226T195135_E001 CS_OFFL_SIR_LRM_1B_20211226T190352_20211226T19352_E001 CS_OFFL_SIR_LRM_1B_20211226T190352_20211226T19352_E001 CS_OFFL_SIR_LRM_1B_20211226T200362_20121226T20352_E001 CS_OFFL_SIR_LRM_1B_20211226T193055_20	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for
CS_OFFL_SIR_LRM_1B_20211226T142810_20211226T142813_E001 CS_OFFL_SIR_LRM_1B_20211226T143155_20211226T143301_E001 CS_OFFL_SIR_LRM_1B_20211226T143846_20211226T144020_E001 CS_OFFL_SIR_LRM_1B_20211226T144023_20211226T144103_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T14410_E001 CS_OFFL_SIR_LRM_1B_20211226T144105_20211226T145101_E001 CS_OFFL_SIR_LRM_1B_20211226T150745_20211226T151004_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151301_E001 CS_OFFL_SIR_LRM_1B_20211226T151006_20211226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_2011226T151318_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151330_20211226T151348_E001 CS_OFFL_SIR_LRM_1B_20211226T151351_20211226T151412_E001 CS_OFFL_SIR_LRM_1B_20211226T151415_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151434_E001 CS_OFFL_SIR_LRM_1B_20211226T151436_20211226T151204_E001 CS_OFFL_SIR_LRM_1B_20211226T15204_20211226T15204_E001 CS_OFFL_SIR_LRM_1B_20211226T152004_20211226T15204_E001 CS_OFFL_SIR_LRM_1B_20211226T15230_20211226T152416_E001 CS_OFFL_SIR_LRM_1B_20211226T15530_20211226T152416_E001 CS_OFFL_SIR_LRM_1B_20211226T15520_201211226T162215_E001 CS_OFFL_SIR_LRM_1B_20211226T15520_20111226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T162308_20211226T162305_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T165306_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T165016_20211226T173454_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T190236_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T190236_E001 CS_OFFL_SIR_LRM_1B_20211226T183557_20211226T191402_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T191402_E001 CS_OFFL_SIR_LRM_1B_20211226T190552_20211226T191355_E001 CS_OFFL_SIR_LRM_1B_20211226T191843_20211226T195137_E001 CS_OFFL_SIR_LRM_1B_20211226T191843_20211226T195135_E001 CS_OFFL_SIR_LRM_1B_20211226T190564_20211226T200645_E001 CS_OFFL_SIR_LRM_1B_20211226T10629_20211226T201352_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_20211226T202843_20211226T202935_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T203041_20211226T203255_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T215101_20211226T215215_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T215220_20211226T215237_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T215248_20211226T215325_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T215439_20211226T215939_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T222633_20211226T222952_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T223642_20211226T224148_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T224157_20211226T230419_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T231141_20211226T231145_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T231147_20211226T231201_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T231205_20211226T231218_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T231221_20211226T231231_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211226T231236_20211226T231315_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.

lumber of products with errors:

## 5. Level 2 Data Quality Check

## 5.1 L2 Product Format Check

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

Number of products with errors:

### 5.2 L2 Product Header Analysis

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

Number of products with errors:

### 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

## 5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

## 5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors: 255

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220211226T001624_20211226T003428_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_220211226T003539_20211226T004923_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_220211226T010633_20211226T012155_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_20211226T012357_20211226T013320_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_20211226T015908_20211226T021240_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_20211226T021843_20211226T021913_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211226T022833_20211226T023002_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_220211226T024618_20211226T030101_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_20211226T031707_20211226T031712_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20211226T033847_20211226T035303_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_20211226T035305_20211226T041108_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_20211226T042600_20211226T045031_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_20211226T052157_20211226T052434_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_20211226T052436_20211226T054915_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_220211226T060440_20211226T063218_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_220211226T064026_20211226T064222_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_220211226T065617_20211226T072827_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_20211226T074418_20211226T074856_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_20211226T082009_20211226T082216_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_20211226T083502_20211226T090815_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20211226T092430_20211226T094137_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_20211226T095024_20211226T095201_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_220211226T101311_20211226T103507_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_20211226T103611_20211226T104655_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_20211226T110340_20211226T112956_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_20211226T113011_20211226T113721_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_20211226T115305_20211226T120417_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20211226T120858_20211226T121025_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_20211226T121028_20211226T122234_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_220211226T124435_20211226T125717_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_20211226T125931_20211226T131636_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_20211226T133851_20211226T134448_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_220211226T134450_20211226T134822_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_20211226T135057_20211226T140508_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_220211226T143155_20211226T143301_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_220211226T144023_20211226T144103_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CS OFFL SIR LRM 2 20211226T144105 20211226T144310 E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS OFFL SIR LRM 2 20211226T144433 20211226T145101 E001	Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	records  There is a height and backscatter error for Retracker 2 and a height error
	(Retracker 2)  Surface Model Unavailable	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220211226T151436_20211226T151700_E001	Height Error (Retracker 2), Backscatter	No DEM or Slope Model was used for the location of one or more records  There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220211226T152452_20211226T152532_E001	Error (Retracker 2) Height Error (Retracker 2), Height Error	records
CS_OFFL_SIR_LRM_220211226T152746_20211226T154411_E001	(Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220211226T155843_20211226T162215_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_220211226T165842_20211226T172346_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_220211226T173833_20211226T180532_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_220211226T183557_20211226T190236_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_220211226T191843_20211226T195137_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_20211226T200434_20211226T200545_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_220211226T200554_20211226T200645_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_220211226T201629_20211226T201752_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_220211226T203516_20211226T204052_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_220211226T205726_20211226T211904_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_220211226T212150_20211226T213134_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_220211226T214256_20211226T214724_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_220211226T215439_20211226T215939_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_220211226T220311_20211226T220756_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_220211226T220943_20211226T222009_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_220211226T223642_20211226T224148_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_220211226T224157_20211226T230419_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_20211226T232614_20211226T233314_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_20211226T233338_20211226T235731_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_SAR_220211225T235751_20211226T000134_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T000359_20211226T000516_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T000548_20211226T001008_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211226T001008_20211226T001117_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211226T001545_20211226T001623_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211226T003428_20211226T003539_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211226T004923_20211226T005457_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211226T010615_20211226T010633_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211226T012155_20211226T012356_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T014346_20211226T014554_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20211226T014554_20211226T015019_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T015438_20211226T015551_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T015747_20211226T015908_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211226T023150_20211226T023218_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T024526_20211226T024616_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T024616_20211226T024618_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T030102_20211226T030918_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T032325_20211226T032938_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T033436_20211226T033448_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T033526_20211226T033738_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T041108_20211226T041223_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T042450_20211226T042559_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T050055_20211226T050315_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T050332_20211226T050428_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T050503_20211226T050942_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T054915_20211226T055156_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T060338_20211226T060440_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T063912_20211226T064026_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T064223_20211226T065145_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T072827_20211226T073158_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T074226_20211226T074417_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T074856_20211226T075236_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T080943_20211226T081017_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T081536_20211226T081908_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T082217_20211226T082230_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T082258_20211226T083045_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T090815_20211226T091119_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T092117_20211226T092430_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T094950_20211226T095024_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T095202_20211226T095504_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T095504_20211226T100207_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T100321_20211226T101311_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T103507_20211226T103610_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T104655_20211226T104832_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20211226T110004_20211226T110340_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T112956_20211226T113011_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T113721_20211226T113751_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T113751_20211226T113755_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T114235_20211226T114957_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T115231_20211226T115304_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T120417_20211226T120858_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T122234_20211226T122241_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T122620_20211226T122639_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T123750_20211226T124435_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T125738_20211226T125931_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T131637_20211226T131914_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T132150_20211226T132853_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T134822_20211226T134834_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T134906_20211226T135057_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T140508_20211226T140600_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T142220_20211226T142246_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T142302_20211226T142444_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T142450_20211226T142528_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T145307_20211226T145522_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T145547_20211226T145608_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T150033_20211226T150744_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T152125_20211226T152452_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T152532_20211226T152628_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T152628_20211226T152746_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T154411_20211226T154504_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T155718_20211226T155843_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T163856_20211226T164741_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T172346_20211226T172446_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T173613_20211226T173832_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T180532_20211226T180657_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T181550_20211226T182328_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T182347_20211226T182500_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T182553_20211226T182613_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20211226T182636_20211226T182751_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T190236_20211226T190428_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T191516_20211226T191843_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T195523_20211226T200146_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T200146_20211226T200434_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T200842_20211226T200926_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T201537_20211226T201553_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T201609_20211226T201629_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T203255_20211226T203516_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T204052_20211226T204407_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T205359_20211226T205725_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T211904_20211226T212150_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T213134_20211226T213335_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T213401_20211226T214047_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T214047_20211226T214225_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T214253_20211226T214256_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T214724_20211226T215100_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T215325_20211226T215439_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T220756_20211226T220943_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T222009_20211226T222351_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T223328_20211226T223642_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T230419_20211226T230450_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T230817_20211226T231057_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T231315_20211226T231444_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T231457_20211226T231945_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T231945_20211226T232107_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T232137_20211226T232232_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T232314_20211226T232518_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T233314_20211226T233338_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20211226T235731_20211227T000431_E001	Backscatter Error (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_220211226T000455_20211226T000457_E001	Backscatter Error (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_220211226T000516_20211226T000547_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_220211226T001117_20211226T001545_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_220211226T005457_20211226T005733_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

		An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220211226T005933_20211226T010045_E001	SARIn X-track Angle Error  Backscatter Error (Retracker 2),	records
CS_OFFL_SIR_SIN_2_20211226T010435_20211226T010615_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20211226T013320_20211226T013619_E001	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_20211226T015019_20211226T015129_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_20211226T015246_20211226T015438_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_20211226T021241_20211226T021842_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_220211226T021913_20211226T022833_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_20211226T023002_20211226T023021_E001	Backscatter Error (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_20211226T023219_20211226T023544_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_20211226T024338_20211226T024525_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_20211226T031029_20211226T031428_E001	model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20211226T032939_20211226T033436_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_20211226T033448_20211226T033525_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_20211226T033738_20211226T033847_E001	Backscatter Error (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_20211226T041223_20211226T041412_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_20211226T041624_20211226T041644_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20211226T042228_20211226T042450_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_20211226T045031_20211226T045419_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_220211226T050315_20211226T050331_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_20211226T050429_20211226T050503_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_20211226T050943_20211226T051403_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_20211226T055156_20211226T055336_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_20211226T055448_20211226T055623_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20211226T060053_20211226T060338_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_20211226T065145_20211226T065617_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_20211226T073159_20211226T073534_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_20211226T074110_20211226T074225_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_20211226T081017_20211226T081213_E001	Backscatter Error (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_20211226T081911_20211226T082009_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_20211226T082230_20211226T082257_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_20211226T083045_20211226T083223_E001	Backscatter Error (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_20211226T083321_20211226T083457_E001	Backscatter Error (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_220211226T091119_20211226T091439_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_20211226T091951_20211226T092116_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_220211226T094137_20211226T094453_E001	Backscatter Error (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_220211226T100208_20211226T100320_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_220211226T104832_20211226T105154_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_220211226T105856_20211226T110004_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_220211226T113755_20211226T113905_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_20211226T114124_20211226T114235_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_20211226T122639_20211226T122820_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_220211226T123559_20211226T123749_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_20211226T131914_20211226T132150_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_20211226T133511_20211226T133851_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_220211226T140600_20211226T140746_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_20211226T141309_20211226T141315_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20211226T141431_20211226T142122_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_220211226T142246_20211226T142302_E001	Backscatter Error (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_220211226T143301_20211226T143845_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_20211226T144310_20211226T144432_E001	Backscatter Error (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_20211226T145145_20211226T145307_E001	Backscatter Error (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_20211226T145522_20211226T145547_E001	Backscatter Error (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_220211226T145609_20211226T150033_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_20211226T151702_20211226T152004_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_220211226T154504_20211226T154747_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_20211226T155208_20211226T155214_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20211226T155410_20211226T155718_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_20211226T163508_20211226T163856_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_20211226T165446_20211226T165842_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_220211226T172446_20211226T172601_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_20211226T173455_20211226T173612_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_20211226T181017_20211226T181550_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_20211226T182328_20211226T182347_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_220211226T182500_20211226T182553_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_220211226T182613_20211226T182636_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_20211226T190428_20211226T190552_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_20211226T191402_20211226T191516_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_20211226T195137_20211226T195311_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_20211226T195349_20211226T195523_E001	Backscatter Error (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_20211226T200545_20211226T200554_E001	Backscatter Error (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_20211226T200719_20211226T200841_E001	Backscatter Error (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_20211226T201352_20211226T201530_E001	Backscatter Error (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_20211226T201553_20211226T201609_E001	Backscatter Error (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_20211226T204407_20211226T204532_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_20211226T205052_20211226T205359_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_20211226T214225_20211226T214253_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_20211226T215939_20211226T220311_E001	Backscatter Error (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_20211226T222351_20211226T222633_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_20211226T222953_20211226T223327_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_20211226T231445_20211226T231457_E001	Backscatter Error (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_20211226T232107_20211226T232136_E001	Backscatter Error (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_20211226T232232_20211226T232314_E001	Backscatter Error (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_20211226T232528_20211226T232614_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