

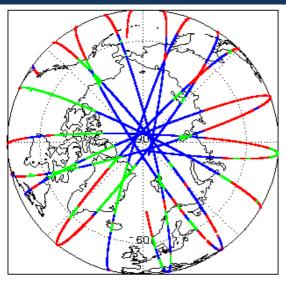
1. Overview

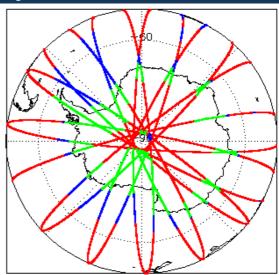
Report Production Date:	18-Feb-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

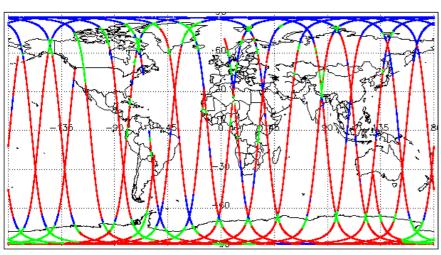
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

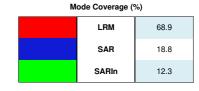
I	Mission / Instrument News		
	20-Jan-2022	None	
	21-Jan-2022	Due to a planned Orbit Control Manoeuvre, SIRAL was unavailable on 21/01/2022 from 03:03:17 to 04:54:25 UTC.	
	22-Jan-2022	Nothing planned	

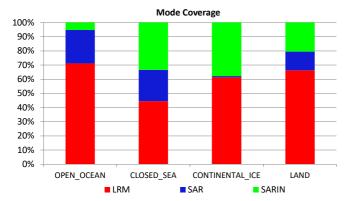
2. Global Coverage

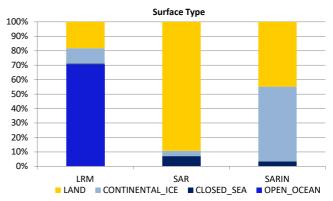












3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

(

4.2 L1B Product Header Analysis

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

Number of products with errors:

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4.3 Star Tracker Usage Check

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

Number of products with errors:

0

4.4 L1B Tracking Flags Check

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

Loss of Echo Flag: This flag is currently set for some products over land, but this is to be expected.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220121T001501_20220121T002642_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T003228_20220121T003453_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T004842_20220121T005629_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T005809_20220121T011236_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T011239_20220121T011303_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T011305_20220121T011326_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T011402_20220121T011411_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T011413_20220121T011418_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T011421_20220121T011431_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T011433_20220121T011434_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T011436_20220121T011442_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T011444_20220121T011951_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T013222_20220121T013336_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T013459_20220121T013812_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T014331_20220121T014819_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T024421_20220121T024459_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T024845_20220121T024940_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T025109_20220121T025112_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T025114_20220121T025133_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T025137_20220121T025208_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T025210_20220121T025432_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T045425_20220121T045644_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T053908_20220121T060003_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T060028_20220121T060549_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T060707_20220121T060817_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T061002_20220121T061059_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T061530_20220121T061611_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T061634_20220121T061724_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T062959_20220121T070454_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T072946_20220121T073443_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T073510_20220121T074154_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T074337_20220121T074529_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T074541_20220121T074624_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T074942_20220121T074949_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T075019_20220121T075030_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T075327_20220121T075557_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T082136_20220121T084339_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T091159_20220121T091916_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T091959_20220121T092432_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T093341_20220121T093400_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T094631_20220121T094642_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T094644_20220121T094702_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T094705_20220121T094729_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T095020_20220121T102251_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T104051_20220121T105320_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T112500_20220121T112522_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T112525_20220121T112532_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T112535_20220121T112545_E001	Loss of echo	The tracking echo is missing for one or more records

CS OFFL SIR LRM 1B 20220121T112547 20220121T112604 E001		
	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T112606_20220121T112620_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T112622_20220121T112631_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T112634_20220121T112639_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220121T112642 20220121T112708 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T112710_20220121T112713_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T112716_20220121T112725_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220121T112728 20220121T112739 E001	Loss of echo	The tracking echo is missing for one or more records
	LOSS OF ECTIO	
CS_OFFL_SIR_LRM_1B_20220121T113047_20220121T113052_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T113056_20220121T113107_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220121T113109 20220121T113115 E001	Loss of echo	
C3_OFFL_3IN_LNW_IB_202201211113109_202201211113113_E001		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T113204_20220121T114410_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T114614_20220121T120201_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T121804_20220121T122828_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T122934_20220121T123154_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T124637_20220121T124650_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T124755_20220121T124935_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T130343_20220121T130723_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220121T130728 20220121T130752 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T130754_20220121T130919_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T130921_20220121T130932_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T130934_20220121T130943_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T130945_20220121T131726_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T135429_20220121T142821_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220121T144224 20220121T144758 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T144800_20220121T144809_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T144811_20220121T144836_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T144838_20220121T144851_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T144855_20220121T144906_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T144908_20220121T144937_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220121T144939 20220121T145010 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T145123_20220121T145214_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T145613_20220121T151731_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220121T152739 20220121T153107 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T153332_20220121T160209_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220121T160217 20220121T160248 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220121T162331 20220121T162335 E001	Loss of echo	
		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T163009_20220121T163409_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220121T163411 20220121T163423 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220121T163426 20220121T165949 E001	Long of cobo	The tracking echo is missing for one or more records
	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T170639_20220121T171007_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220121T180411 20220121T180648 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T180411_20220121T180648_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T180411_20220121T180648_E001 CS_OFFL_SIR_LRM_1B_20220121T180721_20220121T180803_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001	Loss of echo Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T185306_20220121T192620_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T185306_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_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
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CS_OFFL_SIR_LRM_1B_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T185306_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194244_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T202601_E001 CS_OFFL_SIR_LRM_1B_20220121T210730_20220121T210743_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182055_E001 CS_OFFL_SIR_LRM_1B_20220121T185306_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194244_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194544_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T20743_E001 CS_OFFL_SIR_LRM_1B_20220121T210730_20220121T210743_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T2103037_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T213332_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T185306_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194244_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T202601_E001 CS_OFFL_SIR_LRM_1B_20220121T210730_20220121T210743_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194266_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194544_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T20730_20220121T20743_E001 CS_OFFL_SIR_LRM_1B_20220121T210730_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210730_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210730_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210337_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T213332_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T222733_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194266_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194544_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T20730_20220121T20743_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210307_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T22333_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T2123554_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222925_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194544_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T20730_20220121T20743_E001 CS_OFFL_SIR_LRM_1B_20220121T210730_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T213332_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222925_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T2224706_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194266_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194544_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T20730_20220121T20743_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210307_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T22333_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T2123554_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222925_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194544_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T20743_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T213335_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T2222925_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T2224706_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T2224715_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194544_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T20743_E001 CS_OFFL_SIR_LRM_1B_20220121T210730_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213037_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213037_20220121T213332_E001 CS_OFFL_SIR_LRM_1B_20220121T2123554_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T2224718_20220121T224741_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T185306_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194544_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T20743_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T213352_E001 CS_OFFL_SIR_LRM_1B_20220121T2123554_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T2224718_20220121T224741_E001 CS_OFFL_SIR_LRM_1B_20220121T224748_20220121T224749_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181320_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194544_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T20743_E001 CS_OFFL_SIR_LRM_1B_20220121T210730_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213037_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213037_20220121T213332_E001 CS_OFFL_SIR_LRM_1B_20220121T2123554_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T2224718_20220121T224741_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181302_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182055_E001 CS_OFFL_SIR_LRM_1B_20220121T185306_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194544_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T20743_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T2123554_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T2224718_20220121T222734_E001 CS_OFFL_SIR_LRM_1B_20220121T2224718_20220121T222734_E001 CS_OFFL_SIR_LRM_1B_20220121T2224718_20220121T222734_E001 CS_OFFL_SIR_LRM_1B_20220121T224744_20220121T224744_E001 CS_OFFL_SIR_LRM_1B_20220121T224744_20220121T224744_E001 CS_OFFL_SIR_LRM_1B_20220121T224753_20220121T224744_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T18151_20220121T181302_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194544_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T20743_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T213337_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T213355_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T212010_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T22210_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T2224706_2020121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T2224711_20220121T224741_E001 CS_OFFL_SIR_LRM_1B_20220121T2224711_20220121T224741_E001 CS_OFFL_SIR_LRM_1B_20220121T224741_20220121T224749_E001 CS_OFFL_SIR_LRM_1B_20220121T224753_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224755_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224755_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224755_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224754_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T18151_20220121T181302_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194544_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T20743_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T213352_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T213352_E001 CS_OFFL_SIR_LRM_1B_20220121T21210_20220121T2123352_E001 CS_OFFL_SIR_LRM_1B_20220121T21210_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222925_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222735_E001 CS_OFFL_SIR_LRM_1B_20220121T2224718_20220121T224741_E001 CS_OFFL_SIR_LRM_1B_20220121T224748_20220121T224749_E001 CS_OFFL_SIR_LRM_1B_20220121T224748_20220121T224749_E001 CS_OFFL_SIR_LRM_1B_20220121T224745_20220121T224749_E001 CS_OFFL_SIR_LRM_1B_20220121T224745_20220121T224749_E001 CS_OFFL_SIR_LRM_1B_20220121T224745_20220121T224749_E001 CS_OFFL_SIR_LRM_1B_20220121T224745_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224815_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224815_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224815_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181302_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194544_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T20743_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T213337_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213554_20220121T213332_E001 CS_OFFL_SIR_LRM_1B_20220121T212010_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T22247605_20220121T224776_E001 CS_OFFL_SIR_LRM_1B_20220121T2224711_20220121T2224744_E001 CS_OFFL_SIR_LRM_1B_20220121T2224718_20220121T224741_E001 CS_OFFL_SIR_LRM_1B_20220121T224741_20220121T224744_E001 CS_OFFL_SIR_LRM_1B_20220121T224745_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224754_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181302_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194544_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T20743_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210745_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T213332_E001 CS_OFFL_SIR_LRM_1B_20220121T213037_20220121T213357_E001 CS_OFFL_SIR_LRM_1B_20220121T21210_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T21210_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222925_E001 CS_OFFL_SIR_LRM_1B_20220121T2224718_20220121T224740_E001 CS_OFFL_SIR_LRM_1B_20220121T2224718_20220121T224741_E001 CS_OFFL_SIR_LRM_1B_20220121T224748_20220121T224749_E001 CS_OFFL_SIR_LRM_1B_20220121T224748_20220121T224749_E001 CS_OFFL_SIR_LRM_1B_20220121T224745_20220121T224749_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224754_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224755_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181302_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T1942426_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T202601_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T203601_E001 CS_OFFL_SIR_LRM_1B_20220121T20745_20220121T20837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T213037_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213037_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222925_E001 CS_OFFL_SIR_LRM_1B_20220121T2224711_20202121T224706_E001 CS_OFFL_SIR_LRM_1B_20220121T224718_20220121T224741_E001 CS_OFFL_SIR_LRM_1B_20220121T224748_20220121T224749_E001 CS_OFFL_SIR_LRM_1B_20220121T224743_20220121T224749_E001 CS_OFFL_SIR_LRM_1B_20220121T224753_20220121T224749_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224781_E001 CS_OFFL_SIR_LRM_1B_20220121T224775_20220121T224781_E001 CS_OFFL_SIR_LRM_1B_20220121T224775_20220121T224781_E001 CS_OFFL_SIR_LRM_1B_20220121T224781_20220121T2247819_E001 CS_OFFL_SIR_LRM_1B_20220121T224814_20220121T224819_E001 CS_OFFL_SIR_LRM_1B_20220121T224811_20220121T224819_E001 CS_OFFL_SIR_LRM_1B_20220121T224811_20220121T224819_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181302_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T195306_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T202601_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T20343_E001 CS_OFFL_SIR_LRM_1B_20220121T210730_20220121T210816_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T213037_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T21210_20220121T212332_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222925_E001 CS_OFFL_SIR_LRM_1B_20220121T224711_2020121T2224706_E001 CS_OFFL_SIR_LRM_1B_20220121T224711_2020121T224741_E001 CS_OFFL_SIR_LRM_1B_20220121T224711_2020121T224741_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224741_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224741_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224781_E001 CS_OFFL_SIR_LRM_1B_20220121T224775_20220121T224781_E001 CS_OFFL_SIR_LRM_1B_20220121T224777_20220121T224781_E001 CS_OFFL_SIR_LRM_1B_20220121T224811_20220121T224816_E001 CS_OFFL_SIR_LRM_1B_20220121T224811_20220121T224819_E001 CS_OFFL_SIR_LRM_1B_20220121T224811_20220121T224819_E001 CS_OFFL_SIR_LRM_1B_20220121T224811_20220121T224819_E001 CS_OFFL_SIR_LRM_1B_20220121T224811_20220121T224819_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_20220121T180721_20220121T180803_E001 CS_OFFL_SIR_LRM_1B_20220121T181002_20220121T181046_E001 CS_OFFL_SIR_LRM_1B_20220121T181048_20220121T181103_E001 CS_OFFL_SIR_LRM_1B_20220121T181151_20220121T181302_E001 CS_OFFL_SIR_LRM_1B_20220121T181324_20220121T182023_E001 CS_OFFL_SIR_LRM_1B_20220121T182358_20220121T182955_E001 CS_OFFL_SIR_LRM_1B_20220121T185306_20220121T192620_E001 CS_OFFL_SIR_LRM_1B_20220121T195306_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194226_20220121T194235_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194615_E001 CS_OFFL_SIR_LRM_1B_20220121T194637_20220121T194656_E001 CS_OFFL_SIR_LRM_1B_20220121T194707_20220121T194716_E001 CS_OFFL_SIR_LRM_1B_20220121T195122_20220121T195307_E001 CS_OFFL_SIR_LRM_1B_20220121T195451_20220121T195801_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T202601_E001 CS_OFFL_SIR_LRM_1B_20220121T202052_20220121T203601_E001 CS_OFFL_SIR_LRM_1B_20220121T20730_20220121T20837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T210837_E001 CS_OFFL_SIR_LRM_1B_20220121T210819_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T213037_20220121T213457_E001 CS_OFFL_SIR_LRM_1B_20220121T21210_20220121T222733_E001 CS_OFFL_SIR_LRM_1B_20220121T222853_20220121T222925_E001 CS_OFFL_SIR_LRM_1B_20220121T2224605_20220121T222773_E001 CS_OFFL_SIR_LRM_1B_20220121T2224718_20220121T224746_E001 CS_OFFL_SIR_LRM_1B_20220121T224778_2020121T224749_E001 CS_OFFL_SIR_LRM_1B_20220121T224775_20220121T224749_E001 CS_OFFL_SIR_LRM_1B_20220121T224753_20220121T224781_E001 CS_OFFL_SIR_LRM_1B_20220121T224757_20220121T224781_E001 CS_OFFL_SIR_LRM_1B_20220121T224775_20220121T224781_E001 CS_OFFL_SIR_LRM_1B_20220121T224775_20220121T224781_E001 CS_OFFL_SIR_LRM_1B_20220121T224814_20220121T224781_E001 CS_OFFL_SIR_LRM_1B_20220121T224817_20220121T224819_E001 CS_OFFL_SIR_LRM_1B_20220121T224817_20220121T224819_E001 CS_OFFL_SIR_LRM_1B_20220121T224817_20220121T224819_E001 CS_OFFL_SIR_LRM_1B_20220121T224817_20220121T224836_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

Number of products with errors:

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

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: 22

Product	Test Failed	Description
CS_OFFL_SIR_LRM_2_20220121T001501_20220121T002642_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_20220121T004842_20220121T005629_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_220220121T005809_20220121T011236_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_20220121T013222_20220121T013336_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220121T013459_20220121T013812_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_220220121T013907_20220121T014208_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_220220121T014331_20220121T014819_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_220220121T015046_20220121T020731_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

	Height Error (Retracker 2), Height Error	L
CS_OFFL_SIR_LRM_2_20220121T022113_20220121T024339_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_220220121T025621_20220121T025727_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_220220121T045425_20220121T045644_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_20220121T045810_20220121T052506_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_20220121T053908_20220121T060003_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_220220121T060028_20220121T060549_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_220220121T060707_20220121T060817_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_220220121T061634_20220121T061724_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_220220121T062959_20220121T070454_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_220220121T075327_20220121T075557_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_20220121T081003_20220121T081850_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220121T082136_20220121T084339_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_220220121T085711_20220121T091011_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_220220121T091159_20220121T091916_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_20220121T091959_20220121T092432_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_20220121T093341_20220121T093400_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_220220121T095020_20220121T102251_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_220220121T104051_20220121T105320_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_220220121T105327_20220121T111100_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_20220121T112622_20220121T112631_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220121T113204_20220121T114410_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_20220121T114614_20220121T120201_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_20220121T121804_20220121T122828_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_220220121T124755_20220121T124935_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220121T132151_20220121T132242_E001	Height Error (Retracker 3)	There is a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220121T132613_20220121T134046_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_220220121T135429_20220121T142821_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_220220121T144224_20220121T144758_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220121T144838_20220121T144851_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220121T144855_20220121T144906_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220121T144908_20220121T144937_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220121T145613_20220121T151731_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_220220121T153332_20220121T160209_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_220220121T163426_20220121T165949_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

OC OFFI CID LDM C 200000017471100 2000017777777	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220220121T171400_20220121T174753_E001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20220121T180037_20220121T180111_E001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220220121T181151_20220121T181320_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_20220121T181324_20220121T182023_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_20220121T185306_20220121T192620_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_20220121T194544_20220121T194615_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_20220121T195122_20220121T195307_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_20220121T195934_20220121T201845_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_20220121T203138_20220121T210558_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_20220121T213037_20220121T213457_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_20220121T213554_20220121T215332_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_20220121T221210_20220121T222733_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_20220121T222853_20220121T222925_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_20220121T224718_20220121T224741_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220121T230108_20220121T231856_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_20220121T232021_20220121T233417_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_20220121T235102_20220122T000635_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T004125_20220121T004131_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T004837_20220121T004841_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T005629_20220121T005808_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T011951_20220121T012045_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T012140_20220121T012230_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T012230_20220121T012546_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T012757_20220121T012906_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T013136_20220121T013222_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T013813_20220121T013907_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T020732_20220121T020834_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T022108_20220121T022112_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T024340_20220121T024421_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T025756_20220121T030317_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T045644_20220121T045809_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T052506_20220121T052746_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T053857_20220121T053908_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T060550_20220121T060706_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20220121T060819_20220121T061001_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T061724_20220121T061817_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T061839_20220121T061844_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T061911_20220121T062702_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T070455_20220121T070734_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T071713_20220121T071801_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T072046_20220121T072245_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T072530_20220121T072946_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T074624_20220121T074822_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T075031_20220121T075208_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T081850_20220121T082136_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T084339_20220121T084511_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T085629_20220121T085711_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T091011_20220121T091159_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T092432_20220121T093152_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T093152_20220121T093252_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T093401_20220121T093436_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T093841_20220121T094630_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T094730_20220121T095020_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T102252_20220121T102258_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T103435_20220121T104050_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T105321_20220121T105326_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T111737_20220121T112318_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T112407_20220121T112459_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T112833_20220121T112946_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T114410_20220121T114614_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T120201_20220121T120204_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T121310_20220121T121804_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T124604_20220121T124636_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T124650_20220121T124755_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T124935_20220121T125054_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T125351_20220121T125440_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T125653_20220121T130342_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T131726_20220121T132151_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20220121T132243_20220121T132613_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T134047_20220121T134100_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T135423_20220121T135429_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T142822_20220121T143025_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T143517_20220121T144033_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T144106_20220121T144224_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T151731_20220121T151750_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T152049_20220121T152114_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T153251_20220121T153331_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T161320_20220121T162330_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T165950_20220121T165959_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T171143_20220121T171359_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T175114_20220121T175848_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T175914_20220121T180037_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T180111_20220121T180410_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T180804_20220121T181002_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T181103_20220121T181151_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T182955_20220121T183318_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T183926_20220121T184014_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T185023_20220121T185305_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T192620_20220121T192713_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T192724_20220121T192852_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T192856_20220121T193652_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T193653_20220121T193815_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T193911_20220121T194012_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T194235_20220121T194543_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T194755_20220121T195121_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T201846_20220121T201931_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T202912_20220121T203138_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T210559_20220121T210730_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T210859_20220121T211552_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T215333_20220121T220025_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T221037_20220121T221210_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T222733_20220121T222852_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20220121T222926_20220121T223406_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T224112_20220121T224605_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T224838_20220121T224958_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T225028_20220121T225404_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T225404_20220121T225555_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T230037_20220121T230108_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T231857_20220121T232020_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T233418_20220121T233938_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220121T235057_20220121T235101_E001	Backscatter Error (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_20220121T002642_20220121T003227_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_20220121T003454_20220121T003522_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220121T003946_20220121T004125_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_220220121T012046_20220121T012140_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_20220121T012547_20220121T012757_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_20220121T012907_20220121T013136_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_20220121T013337_20220121T013458_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220121T014209_20220121T014331_E001	Backscatter Error (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_20220121T014819_20220121T015045_E001	Backscatter Error (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_20220121T020834_20220121T021013_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_20220121T021859_20220121T022107_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_20220121T024536_20220121T024844_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220121T024940_20220121T025108_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220121T052746_20220121T053139_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_20220121T053731_20220121T053857_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_20220121T061612_20220121T061634_E001	Backscatter Error (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_20220121T061818_20220121T061838_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_20220121T061844_20220121T061910_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_20220121T062702_20220121T062800_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_220220121T062845_20220121T062958_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_20220121T070734_20220121T071047_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_20220121T071604_20220121T071712_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_20220121T074822_20220121T074941_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records

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Sexionate Error (Retracker 2), SARIN X and SARIN mode and no DEM or Slope Model was used for one or more records Sexionate Error (Retracker 2), SARIN X and SARIN mode and no DEM or Slope Model was used for one or more records SARIN X-2 20220121T145124_20220121T14516_E001 Sexionate Error (Retracker 2), SARIN X track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20220121T144034_20220121T144106_E001 SARIN X-track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20220121T145114_20220121T14513_E001 SARIN X-track Angle Error, Surface model unavailable SARIN X-track Angle Error SARIN Total Sarin mode of rone or more records SARIN X-track Angle Error SARIN X-track Angle Error Surface error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error SARIN X-track Angle Error Sarin model f	CS_OFFL_SIR_SIN_2_20220121T134100_20220121T134302_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error	
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CS_OFFL_SIR_SIN_2_20220121T170000_20220121T170130_E001 Backscatter Error (Retracker 3), SARIN X track Angle Error SARIN X-track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error CS_OFFL_SIR_SIN_2_20220121T171007_20220121T171142_E001 Backscatter Error (Retracker 3), SARIN X track Angle Error Backscatter Error (Retracker 2), Backscatter Er	CS_OFFL_SIR_SIN_2_20220121T161235_20220121T161319_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220121T17007_20220121T171142_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error	CS_OFFL_SIR_SIN_2_20220121T170000_20220121T170130_E001	Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20220121T171007_20220121T171142_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), SARIn X was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20220121T174753_20220121T174926_E001 CS_OFFL_SIR_SIN_2_20220121T174753_20220121T174926_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for track Angle Error, Surface model	CS_OFFL_SIR_SIN_2_20220121T170632_20220121T170639_E001		
CS_OFFL_SIR_SIN_2_20220121T174753_20220121T174926_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model Was detected for SARIn mode, and no DEM or Slope Model was used for the location for none or more records.	CS_OFFL_SIR_SIN_2_20220121T171007_20220121T171142_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error	
	CS_OFFL_SIR_SIN_2_20220121T174753_20220121T174926_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for

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CS_OFFL_SIR_SIN_2_20220121T175011_20220121T175114_E001	Backscatter Error (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_20220121T175848_20220121T175913_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_20220121T184014_20220121T184129_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_20220121T184705_20220121T185023_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_20220121T192714_20220121T192723_E001	Backscatter Error (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_20220121T192853_20220121T192856_E001	Backscatter Error (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_20220121T193816_20220121T193840_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_20220121T193845_20220121T193911_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_20220121T194112_20220121T194225_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_20220121T194717_20220121T194754_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220121T195802_20220121T195934_E001	Backscatter Error (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_20220121T201932_20220121T202051_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_20220121T202601_20220121T202911_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_20220121T220025_20220121T220305_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_20220121T220505_20220121T221036_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_20220121T224959_20220121T225027_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_20220121T225555_20220121T230037_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_20220121T233939_20220121T234214_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_20220121T234416_20220121T234523_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220121T234918_20220121T235057_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