

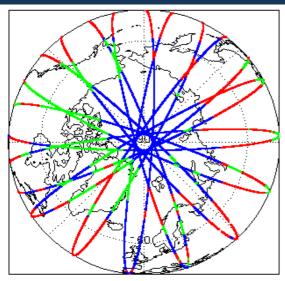
1. Overview

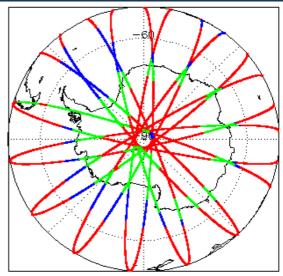
Report Production Date:	02-Mar-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

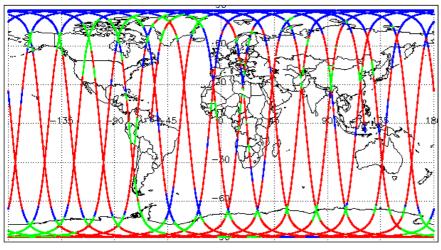
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

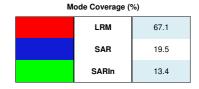
Ì	Mission / Instru	ment News
	29-Jan-2022	None
	30-Jan-2022	None
	31-Jan-2022	Nothing planned

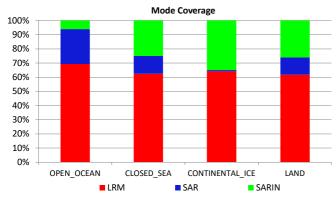
2. Global Coverage

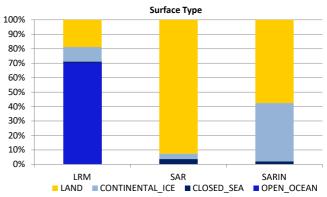












3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

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

Number of products with errors:

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4.3 Star Tracker Usage Check

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

Number of products with errors:

0

4.4 L1B Tracking Flags Check

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

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

lumber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220130T000055_20220130T001016_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T001215_20220130T001549_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T001551_20220130T001556_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T001559_20220130T001603_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T001605_20220130T001610_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T001614_20220130T001617_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T001621_20220130T001622_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T001624_20220130T001711_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T001718_20220130T002042_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T003749_20220130T003754_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T003842_20220130T004817_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T004819_20220130T004945_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T005505_20220130T010934_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T011229_20220130T012044_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T014623_20220130T014650_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T014653_20220130T014729_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T015118_20220130T015157_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T015239_20220130T015248_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T015254_20220130T015448_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T015453_20220130T015509_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T015513_20220130T015516_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T015518_20220130T015523_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T015526_20220130T015940_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T021446_20220130T022046_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T022141_20220130T022523_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T022526_20220130T024852_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T025404_20220130T025914_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T030202_20220130T032716_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T032933_20220130T032940_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T032944_20220130T033001_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T033017_20220130T033019_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T033022_20220130T033626_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T033626_20220130T033751_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T035848_20220130T035905_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T035909_20220130T035913_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T035916_20220130T042644_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T044102_20220130T050958_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T051039_20220130T051311_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T051344_20220130T051545_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T062848_20220130T063216_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T063339_20220130T063825_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T063843_20220130T064343_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T064959_20220130T065023_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T065028_20220130T065110_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T065122_20220130T065149_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T065149_20220130T065245_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T065517_20220130T065532_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T065622_20220130T065941_E001	Loss of echo	The tracking echo is missing for one or more records
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OC OFFI CID LDM 4D 00000400T0004F0 00000400T00000F F004		
CS_OFFL_SIR_LRM_1B_20220130T082158_20220130T082605_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T082607_20220130T082633_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T082736_20220130T082907_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T084816_20220130T084916_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T084918_20220130T084928_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T102648_20220130T102807_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T102811_20220130T102852_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T102855_20220130T102912_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T104603_20220130T104717_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T104720_20220130T110337_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T112051_20220130T113422_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220130T113636 20220130T113659 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T115001_20220130T115017_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T120534_20220130T120928_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T120930_20220130T121030_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T121032_20220130T121115_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T121118_20220130T121118_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T121121_20220130T121223_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T121226_20220130T121315_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220130T121602 20220130T122421 E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220130T122423_20220130T122507_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T122509_20220130T122624_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T130340_20220130T131112_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T131526_20220130T132014_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220130T132258 20220130T132845 E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220130T134349_20220130T134816_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T134820_20220130T134821_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T134823_20220130T134826_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T134830_20220130T135018_E001	Loss of echo	The tracking echo is missing for one or more records
	Loss of echo	
CS_OFFL_SIR_LRM_1B_20220130T135021_20220130T135026_E001		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T135029_20220130T135039_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T135043_20220130T135047_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220130T135052 20220130T135056 E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220130T135059_20220130T135105_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T135107_20220130T135117_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T135119_20220130T135211_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T135214_20220130T135221_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220130T135231 20220130T135322 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T135722_20220130T135801_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T142525_20220130T142911_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T143527_20220130T150354_E001	Loss of echo	The tracking echo is missing for one or more records
00 OFFI OID LDM 4D 00000400T4500T0		
CS OFFL SIR LRM 1B 202201301150356 20220130T150409 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T150356_20220130T150409_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_20220130T150620_20220130T150622_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T150620_20220130T150622_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_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_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152716_20220130T153200_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152716_20220130T153200_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171151_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171221_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T178500_20220130T185948_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185502_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_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152716_20220130T153200_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T170912_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171142_20220130T171151_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T17240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172047_E001 CS_OFFL_SIR_LRM_1B_20220130T172449_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_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_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152716_20220130T153200_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171151_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171221_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T178500_20220130T185948_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185502_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_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152716_20220130T153200_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171134_20220130T171151_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171221_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T172143_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T172143_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174143_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T17443_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T17443_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T178500_20220130T184948_E001 CS_OFFL_SIR_LRM_1B_20220130T185720220130T185820_E001 CS_OFFL_SIR_LRM_1B_20220130T185607_20220130T185820_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_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152716_20220130T153200_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171151_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171221_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172047_E001 CS_OFFL_SIR_LRM_1B_20220130T172443_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174099_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T178500_20220130T178502_E001 CS_OFFL_SIR_LRM_1B_20220130T18500_20220130T18502_E001 CS_OFFL_SIR_LRM_1B_20220130T185637_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T19005_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T192754_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_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152716_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T153204_20220130T153300_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T1711217_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171221_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172047_E001 CS_OFFL_SIR_LRM_1B_20220130T172143_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T172443_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T1850102_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185000_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190304_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T192754_E001 CS_OFFL_SIR_LRM_1B_20220130T190304_20220130T192754_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_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152716_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171121_E001 CS_OFFL_SIR_LRM_1B_20220130T171134_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172047_E001 CS_OFFL_SIR_LRM_1B_20220130T172049_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185102_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185820_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185820_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T192754_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T192754_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T1927594_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T192754_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_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152716_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T153204_20220130T153300_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T1711217_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171221_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172047_E001 CS_OFFL_SIR_LRM_1B_20220130T172143_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T172443_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T1850102_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185000_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190304_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T192754_E001 CS_OFFL_SIR_LRM_1B_20220130T190304_20220130T192754_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_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152716_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171121_E001 CS_OFFL_SIR_LRM_1B_20220130T171134_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172047_E001 CS_OFFL_SIR_LRM_1B_20220130T172049_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185102_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185820_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185820_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T192754_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T192754_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T1927594_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T192754_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_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152716_20220130T153320_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T1711217_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171221_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172047_E001 CS_OFFL_SIR_LRM_1B_20220130T172049_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T17243_20220130T173101_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185102_E001 CS_OFFL_SIR_LRM_1B_20220130T185637_20220130T185820_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T190552_E001 CS_OFFL_SIR_LRM_1B_20220130T1902342_2020130T190559_E001 CS_OFFL_SIR_LRM_1B_20220130T1902342_2020130T20305_0001 CS_OFFL_SIR_LRM_1B_20220130T202940_20220130T20305_0001 CS_OFFL_SIR_LRM_1B_20220130T202952_2020130T20305_0001 CS_OFFL_SIR_LRM_1B_20220130T202952_20220130T20305_0001 CS_OFFL_SIR_LRM_1B_20220130T202952_20220130T20305_0001 CS_OFFL_SIR_LRM_1B_20220130T202952_20220130T20305_0001 CS_OFFL_SIR_LRM_1B_20220130T202952_20220130T20305_0001 CS_OFFL_SIR_LRM_1B_20220130T202952_20220130T20305_202001 CS_OFFL_SIR_LRM_1B_20220130T202952_20220130T20305_202001	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_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152716_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152716_20220130T153320_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153320_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T1711217_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171221_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172047_E001 CS_OFFL_SIR_LRM_1B_20220130T172049_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T172143_20220130T173101_E001 CS_OFFL_SIR_LRM_1B_20220130T174143_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T17409_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T17409_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T18500_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T18500_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190552_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190552_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190550_E001 CS_OFFL_SIR_LRM_1B_20220130T190090000100100100100010010001000100001000010000	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_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152716_20220130T153200_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170912_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171124_20220130T171121_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171124_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172047_E001 CS_OFFL_SIR_LRM_1B_20220130T172049_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T172143_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T172143_20220130T173101_E001 CS_OFFL_SIR_LRM_1B_20220130T172143_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185820_E001 CS_OFFL_SIR_LRM_1B_20220130T185637_20220130T185820_E001 CS_OFFL_SIR_LRM_1B_20220130T185637_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T1003090_20220130T20030E001 CS_OFFL_SIR_LRM_1B_20220130T202950_2020130T20302E0_E001 CS_OFFL_SIR_LRM_1B_20220130T2032940_20220130T203228_E001 CS_OFFL_SIR_LRM_1B_20220130T203230_20220130T203228_E001 CS_OFFL_SIR_LRM_1B_20220130T203230_20220130T203303_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_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152328_20220130T153320_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153320_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171142_20220130T171151_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171221_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T17217_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172407_E001 CS_OFFL_SIR_LRM_1B_20220130T172443_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T172143_20220130T173101_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185102_E001 CS_OFFL_SIR_LRM_1B_20220130T185637_20220130T18520_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T1900344_20220130T190552_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T190552_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T190552_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T1903552_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T1903552_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T1903552_E001 CS_OFFL_SIR_LRM_1B_20220130T203502_2020130T20350_E001 CS_OFFL_SIR_LRM_1B_20220130T203502_2020130T20350_E001 CS_OFFL_SIR_LRM_1B_20220130T203502_2020130T203502_E001 CS_OFFL_SIR_LRM_1B_20220130T203230_20220130T203502_E001 CS_OFFL_SIR_LRM_1B_20220130T203259_20220130T203303_E001 CS_OFFL_SIR_LRM_1B_20220130T203305_20220130T203303_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for
CS_OFFL_SIR_LRM_1B_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152326_20220130T153320_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153320_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T1711217_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171221_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T172143_20220130T173101_E001 CS_OFFL_SIR_LRM_1B_20220130T172143_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185102_E001 CS_OFFL_SIR_LRM_1B_20220130T185637_20220130T185820_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190044_20220130T190552_E001 CS_OFFL_SIR_LRM_1B_20220130T190044_20220130T190552_E001 CS_OFFL_SIR_LRM_1B_20220130T190044_20220130T190552_E001 CS_OFFL_SIR_LRM_1B_20220130T190044_20220130T190552_E001 CS_OFFL_SIR_LRM_1B_20220130T190304_20220130T102030_E001 CS_OFFL_SIR_LRM_1B_20220130T202940_20220130T20350_E001 CS_OFFL_SIR_LRM_1B_20220130T202940_20220130T20350_E001 CS_OFFL_SIR_LRM_1B_20220130T203303_20220130T203526_E001 CS_OFFL_SIR_LRM_1B_20220130T203320_20220130T203505_E001 CS_OFFL_SIR_LRM_1B_20220130T203320_20220130T203303_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_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152328_20220130T153320_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153320_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171142_20220130T171151_E001 CS_OFFL_SIR_LRM_1B_20220130T171154_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171221_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T17217_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172407_E001 CS_OFFL_SIR_LRM_1B_20220130T172443_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T172143_20220130T173101_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185102_E001 CS_OFFL_SIR_LRM_1B_20220130T185637_20220130T18520_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T1900344_20220130T190552_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T190552_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T190552_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T1903552_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T1903552_E001 CS_OFFL_SIR_LRM_1B_20220130T190344_20220130T1903552_E001 CS_OFFL_SIR_LRM_1B_20220130T203502_2020130T20350_E001 CS_OFFL_SIR_LRM_1B_20220130T203502_2020130T20350_E001 CS_OFFL_SIR_LRM_1B_20220130T203502_2020130T203502_E001 CS_OFFL_SIR_LRM_1B_20220130T203230_20220130T203502_E001 CS_OFFL_SIR_LRM_1B_20220130T203259_20220130T203303_E001 CS_OFFL_SIR_LRM_1B_20220130T203305_20220130T203303_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for
CS_OFFL_SIR_LRM_1B_20220130T150620_20220130T150622_E001 CS_OFFL_SIR_LRM_1B_20220130T150625_20220130T150645_E001 CS_OFFL_SIR_LRM_1B_20220130T150649_20220130T151007_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T152552_E001 CS_OFFL_SIR_LRM_1B_20220130T152504_20220130T153320_E001 CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001 CS_OFFL_SIR_LRM_1B_20220130T160833_20220130T161159_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T170839_E001 CS_OFFL_SIR_LRM_1B_20220130T170520_20220130T171126_E001 CS_OFFL_SIR_LRM_1B_20220130T171129_20220130T171129_E001 CS_OFFL_SIR_LRM_1B_20220130T171142_20220130T1711217_E001 CS_OFFL_SIR_LRM_1B_20220130T171144_20220130T171217_E001 CS_OFFL_SIR_LRM_1B_20220130T171221_20220130T171240_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172407_E001 CS_OFFL_SIR_LRM_1B_20220130T171242_20220130T172138_E001 CS_OFFL_SIR_LRM_1B_20220130T172143_20220130T173101_E001 CS_OFFL_SIR_LRM_1B_20220130T174143_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T174309_20220130T175104_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T185102_E001 CS_OFFL_SIR_LRM_1B_20220130T185000_20220130T18520_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190005_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190030_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190304_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190304_20220130T190309_E001 CS_OFFL_SIR_LRM_1B_20220130T190300_20220130T201300_E001 CS_OFFL_SIR_LRM_1B_20220130T190300_20220130T203202E001 CS_OFFL_SIR_LRM_1B_20220130T203200_2020130T203202EE001 CS_OFFL_SIR_LRM_1B_20220130T203200_2020130T203202EE001 CS_OFFL_SIR_LRM_1B_20220130T203200_2020130T203202EE001 CS_OFFL_SIR_LRM_1B_20220130T203200_2020130T203202EE001 CS_OFFL_SIR_LRM_1B_20220130T203200_2020130T203202EE001 CS_OFFL_SIR_LRM_1B_20220130T203305_20220130T203303_E001 CS_OFFL_SIR_LRM_1B_20220130T203305_20220130T203303_E001 CS_OFFL_SIR_LRM_1B_20220130T203305_20220130T203303_E001 CS_OFFL_SIR_LRM_1B_20220130T203305_20220130T203504501_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for

CS_OFFL_SIR_LRM_1B_20220130T214841_20220130T214856_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T214859_20220130T214913_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T214917_20220130T214920_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T214926_20220130T214950_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T214956_20220130T215007_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T220240_20220130T223438_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T224410_20220130T224605_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T225234_20220130T230831_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T231034_20220130T232102_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T232349_20220130T233014_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220130T234643_20220130T235911_E001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

Number of products with errors:

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

0

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220130T153328_20220130T153340_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors: 239

Product	Test Failed	Description
		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_220220130T003450_20220130T003632_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CS OFFL SIR LRM 2 20220130T003842 20220130T004817 E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
	Error (Retracker 2) Height Error (Retracker 2), Height Error	records There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_220220130T005505_20220130T010934_E001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220130T012301_20220130T013922_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_220220130T014213_20220130T014424_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_220220130T015254_20220130T015448_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220130T022141_20220130T022523_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_20220130T022526_20220130T024852_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_220220130T030202_20220130T032716_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_220220130T035916_20220130T042644_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_220220130T044102_20220130T050958_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_220220130T051733_20220130T051915_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_220220130T053237_20220130T060620_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_220220130T062005_20220130T062557_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_220220130T062848_20220130T063216_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_20220130T064959_20220130T065023_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_220220130T065622_20220130T065941_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_220220130T071218_20220130T072041_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_20220130T072326_20220130T074545_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_20220130T075859_20220130T081832_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_220220130T082736_20220130T082907_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_20220130T084816_20220130T084916_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220130T085054_20220130T092422_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_20220130T094244_20220130T101410_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_220220130T102811_20220130T102852_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220130T103422_20220130T104121_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_220220130T104603_20220130T104717_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_220220130T104720_20220130T110337_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_220220130T112051_20220130T113422_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_220220130T113818_20220130T114828_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_20220130T121226_20220130T121315_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220130T121602_20220130T122421_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_220220130T122804_20220130T124232_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_220220130T130340_20220130T131112_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_220220130T131526_20220130T132014_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 20220130T132258 20220130T132845 E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS OFFL SIR LRM 2 20220130T135052 20220130T135056 E001	Error (Retracker 2) Surface Model Unavailable	records No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220130T135119_20220130T135211_E001	Surface Model Unavailable Height Error (Retracker 2), Height Error	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220130T135903_20220130T142202_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_220220130T143527_20220130T150354_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_220220130T152504_20220130T152552_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_220220130T153558_20220130T160131_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_220220130T161531_20220130T164827_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_220220130T171242_20220130T172047_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_220220130T172143_20220130T173101_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_220220130T175452_20220130T182802_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_220220130T185358_20220130T185454_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_220220130T190840_20220130T192036_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_220220130T193340_20220130T195607_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_220220130T195852_20220130T200822_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_220220130T201950_20220130T202030_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_220220130T202940_20220130T202950_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_220220130T203145_20220130T203228_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_220220130T203852_20220130T204501_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_220220130T204648_20220130T205815_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_220220130T211337_20220130T214612_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_220220130T214812_20220130T214829_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220130T220240_20220130T223438_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_20220130T225234_20220130T230831_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_220220130T231034_20220130T232102_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_20220130T234643_20220130T235911_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_20220129T235855_20220130T000055_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T002042_20220130T002237_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T002254_20220130T002415_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T002415_20220130T002726_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T003013_20220130T003200_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T003329_20220130T003449_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T003633_20220130T003749_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T003754_20220130T003842_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20220130T010935_20220130T011030_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T012233_20220130T012301_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T013922_20220130T014213_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T014424_20220130T014622_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T015940_20220130T020100_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T020100_20220130T020639_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T021223_20220130T021446_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T024852_20220130T025003_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T030156_20220130T030202_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T033751_20220130T033955_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T034026_20220130T034135_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T034155_20220130T034659_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T042644_20220130T042925_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T051013_20220130T051039_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T051546_20220130T051732_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T051916_20220130T052901_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T060620_20220130T060915_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T061923_20220130T062005_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T062557_20220130T062847_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T064620_20220130T064959_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T065245_20220130T065517_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T065942_20220130T070758_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T071134_20220130T071217_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T072041_20220130T072325_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T074545_20220130T074817_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T075820_20220130T075859_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T082633_20220130T082735_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T082908_20220130T083239_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T083239_20220130T083753_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T084031_20220130T084815_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T084928_20220130T085054_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T092423_20220130T092500_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T093704_20220130T093946_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T093958_20220130T094243_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20220130T101410_20220130T101424_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T101934_20220130T102648_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T102912_20220130T103422_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T104122_20220130T104603_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T110337_20220130T110349_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T111456_20220130T112051_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T113700_20220130T113818_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T114828_20220130T115001_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T115017_20220130T115332_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T115425_20220130T115633_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T115849_20220130T120534_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T122624_20220130T122803_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T124232_20220130T124304_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T132137_20220130T132258_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T133007_20220130T133217_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T133722_20220130T134244_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T134300_20220130T134349_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T135801_20220130T135903_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T142202_20220130T142211_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T143431_20220130T143526_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T151546_20220130T152008_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T152008_20220130T152504_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T160131_20220130T160138_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T161323_20220130T161531_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T165244_20220130T170024_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T170100_20220130T170309_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T170317_20220130T170519_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T173102_20220130T173459_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T174059_20220130T174144_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T175217_20220130T175452_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T182802_20220130T182822_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T183205_20220130T183846_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T183846_20220130T184148_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T184353_20220130T184422_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20220130T184546_20220130T184720_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T185207_20220130T185358_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T190552_20220130T190839_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T192036_20220130T192115_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T193057_20220130T193339_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T195607_20220130T195852_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T200822_20220130T200930_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T201031_20220130T201746_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T201746_20220130T201950_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T202030_20220130T202152_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T202246_20220130T202940_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T204501_20220130T204648_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T205815_20220130T210121_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T211210_20220130T211336_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T214612_20220130T214802_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T215028_20220130T215151_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T215209_20220130T215642_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T215642_20220130T215758_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T220150_20220130T220240_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T223438_20220130T224135_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T230831_20220130T231034_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T233014_20220130T233518_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220130T233518_20220130T233644_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220130T234505_20220130T234642_E001	Backscatter Error (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_20220130T002237_20220130T002253_E001	Backscatter Error (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_20220130T002726_20220130T002832_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_20220130T002919_20220130T003013_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_20220130T003200_20220130T003329_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_20220130T004945_20220130T005505_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_20220130T011030_20220130T011228_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_20220130T012045_20220130T012232_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_20220130T014730_20220130T015117_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_220220130T015158_20220130T015239_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_220220130T020640_20220130T021151_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

CC OFFI CIP CIN A 00000490T004000 00000490T004000 F004	Backscatter Error (Retracker 2),	There is a background a ground a Patrocker C and 2 for one or more ground.
CS_OFFL_SIR_SIN_2_20220130T021200_20220130T021223_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220130T025004_20220130T025122_E001	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_20220130T025324_20220130T025404_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220130T025915_20220130T030156_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_20220130T032930_20220130T032933_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220130T033955_20220130T034026_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_20220130T034135_20220130T034155_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_20220130T034700_20220130T035848_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_20220130T042926_20220130T043046_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_20220130T043135_20220130T043330_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220130T043933_20220130T044102_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_20220130T052902_20220130T053236_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_20220130T060915_20220130T061239_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_20220130T061805_20220130T061922_E001	Backscatter Error (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_20220130T065533_20220130T065621_E001	Backscatter Error (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_20220130T070759_20220130T071134_E001	Backscatter Error (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_20220130T074817_20220130T075138_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_20220130T075657_20220130T075820_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_20220130T081832_20220130T082157_E001	Backscatter Error (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_20220130T083754_20220130T084031_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_20220130T092500_20220130T092656_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_20220130T093538_20220130T093704_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_20220130T101424_20220130T101528_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_20220130T101830_20220130T101934_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_20220130T110350_20220130T110526_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_20220130T111253_20220130T111455_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_20220130T115333_20220130T115424_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_20220130T115633_20220130T115704_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_20220130T115704_20220130T115849_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_20220130T121316_20220130T121601_E001	Backscatter Error (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_20220130T124305_20220130T124452_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_20220130T125134_20220130T125827_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_220220130T125943_20220130T130340_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_220220130T131112_20220130T131526_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_220220130T132015_20220130T132137_E001	Backscatter Error (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_20220130T133218_20220130T133722_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_20220130T134245_20220130T134300_E001	Backscatter Error (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_20220130T135323_20220130T135722_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_20220130T142211_20220130T142525_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_20220130T143219_20220130T143431_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_20220130T150409_20220130T150620_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_220220130T151008_20220130T151545_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_20220130T153200_20220130T153328_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_20220130T160138_20220130T160307_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_20220130T161159_20220130T161322_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_20220130T164827_20220130T165243_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_220220130T170024_20220130T170100_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_20220130T170309_20220130T170317_E001	Backscatter Error (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_20220130T174144_20220130T174309_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_20220130T175104_20220130T175217_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_20220130T182823_20220130T182913_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_20220130T183006_20220130T183204_E001	Backscatter Error (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_20220130T184238_20220130T184316_E001	Backscatter Error (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_20220130T184422_20220130T184545_E001	Backscatter Error (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_20220130T185108_20220130T185207_E001	Backscatter Error (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_20220130T192115_20220130T192241_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_20220130T192755_20220130T193057_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_20220130T210121_20220130T210426_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_20220130T210657_20220130T211210_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_20220130T215152_20220130T215209_E001	Backscatter Error (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_20220130T215758_20220130T220150_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_20220130T224135_20220130T224410_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_220220130T224606_20220130T224801_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220130T225110_20220130T225234_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

Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20220130T234007_20220130T234250_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), 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 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_20220130T232103_20220130T232349_E001	Backscatter Error (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 _20220130T234007_20220130T234250_E001 Backscatter Error (Retracker 3), SARIn X	CS_OFFL_SIR_SIN_2_20220130T233645_20220130T233801_E001	Backscatter Error (Retracker 3), SARIn X	
	CS_OFFL_SIR_SIN_2_20220130T234007_20220130T234250_E001	Backscatter Error (Retracker 3), SARIn X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records