

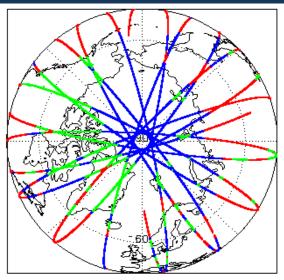
1. Overview

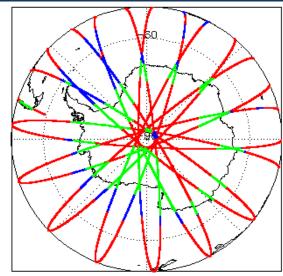
Report Production Date:	22-Mar-2022	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

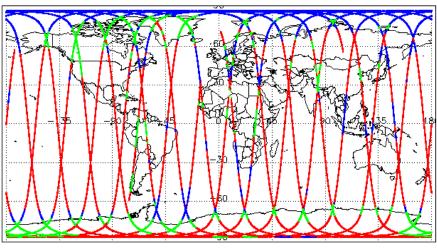
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

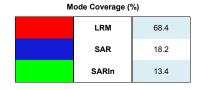
Mission / Instru	iment News
16-Feb-2022	None
17-Feb-2022	None
18-Feb-2022	Nothing planned

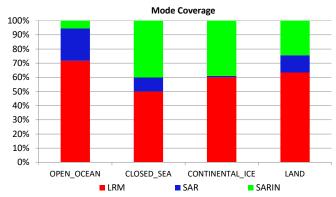
2. Global Coverage

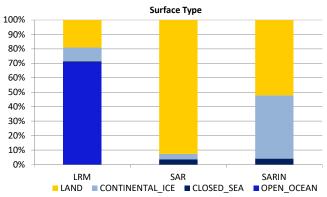












3. Instrument Configuration

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.

umber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220216T235927_20220217T000134_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T000137_20220217T000429_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T001940_20220217T002246_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T002302_20220217T002651_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T002814_20220217T003405_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T003407_20220217T003454_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T012833_20220217T012939_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T013324_20220217T013416_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T013551_20220217T013618_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T013621_20220217T013923_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T015651_20220217T020527_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T020530_20220217T020532_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T020534_20220217T023140_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T023705_20220217T024131_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T024417_20220217T031257_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T031259_20220217T031811_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T031811_20220217T032021_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T033845_20220217T034126_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T042336_20220217T044209_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T044211_20220217T044211_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T044213_20220217T044216_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T044219_20220217T044341_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T044345_20220217T044827_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T044829_20220217T044936_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T044942_20220217T045007_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T045146_20220217T045258_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T045435_20220217T045535_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T050008_20220217T050047_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T061707_20220217T061912_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T061931_20220217T062309_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T062311_20220217T062633_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T062816_20220217T063059_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T063348_20220217T063444_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T070619_20220217T072843_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T075639_20220217T080356_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T081825_20220217T081836_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T083115_20220217T083206_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T084041_20220217T090733_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T091449_20220217T091723_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T092531_20220217T093800_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T100942_20220217T101022_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T101024_20220217T101035_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T101038_20220217T101136_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T101138_20220217T101148_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T101150_20220217T101205_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T101210_20220217T101229_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T101527_20220217T101558_E001	Loss of echo	The tracking echo is missing for one or more records

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CS_OFFL_SIR_LRM_1B_20220217T101712_20220217T102854_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T103058_20220217T104647_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T110237_20220217T111042_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T111103_20220217T111447_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T111501_20220217T111615_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T111927_20220217T113045_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T113107_20220217T113132_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T113232_20220217T113414_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T114825_20220217T115220_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T115224_20220217T115235_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T115238_20220217T115247_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T115249_20220217T115403_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T115405_20220217T120208_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T123857_20220217T131305_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T132711_20220217T133315_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T133319_20220217T133325_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T133328_20220217T133335_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T133337_20220217T133346_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T133348_20220217T133351_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T133353_20220217T133416_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T133419_20220217T133450_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220217T134046_20220217T140145_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T141805_20220217T144524_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T144527_20220217T144650_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T144652_20220217T144712_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T144719_20220217T144725_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T150815_20220217T150826_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T150850_20220217T151345_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T151452_20220217T151643_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T151648_20220217T154444_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T155119_20220217T155447_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T164858_20220217T165130_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T165203_20220217T165242_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T165440_20220217T165546_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T165725_20220217T165817_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T165822_20220217T165911_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220217T170010 20220217T170311 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220217T170450 20220217T170506 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T170840_20220217T171457_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T182720_20220217T182735_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220217T183103 20220217T183139 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T183149_20220217T183201_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220217T183502 20220217T183544 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T183549_20220217T183752_E001	Loss of echo	The tracking echo is missing for one or more records
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CS OFFI SIR LRM 1B 20220217T183035 20220217T184216 F001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T183935_20220217T184216_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T190533_20220217T191041_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220217T190533_20220217T191041_E001 CS_OFFL_SIR_LRM_1B_20220217T191556_20220217T195034_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_20220217T190533_20220217T191041_E001 CS_OFFL_SIR_LRM_1B_20220217T191556_20220217T195034_E001 CS_OFFL_SIR_LRM_1B_20220217T195218_20220217T195305_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195309_E001	Loss of echo Loss of echo Loss of echo Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220217T190533_20220217T191041_E001 CS_OFFL_SIR_LRM_1B_20220217T191556_20220217T195034_E001 CS_OFFL_SIR_LRM_1B_20220217T195218_20220217T195305_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195309_E001 CS_OFFL_SIR_LRM_1B_20220217T195312_20220217T195317_E001 CS_OFFL_SIR_LRM_1B_20220217T205635_20220217T210652_E001 CS_OFFL_SIR_LRM_1B_20220217T210654_20220217T211056_E001 CS_OFFL_SIR_LRM_1B_20220217T211217_20220217T211405_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220217T190533_20220217T191041_E001 CS_OFFL_SIR_LRM_1B_20220217T191556_20220217T195034_E001 CS_OFFL_SIR_LRM_1B_20220217T195218_20220217T195305_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195309_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195309_E001 CS_OFFL_SIR_LRM_1B_20220217T195312_20220217T195317_E001 CS_OFFL_SIR_LRM_1B_20220217T205635_20220217T210652_E001 CS_OFFL_SIR_LRM_1B_20220217T210654_20220217T211056_E001 CS_OFFL_SIR_LRM_1B_20220217T211217_20220217T211405_E001 CS_OFFL_SIR_LRM_1B_20220217T213043_20220217T213124_E001 CS_OFFL_SIR_LRM_1B_20220217T213128_20220217T213153_E001 CS_OFFL_SIR_LRM_1B_20220217T213155_20220217T213157_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213218_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T21329_E001 CS_OFFL_SIR_LRM_1B_20220217T213231_20220217T213249_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213256_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213256_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T22357_E001 CS_OFFL_SIR_LRM_1B_20220217T222654_20220217T22857_E001 CS_OFFL_SIR_LRM_1B_20220217T223537_20220217T225056_E001 CS_OFFL_SIR_LRM_1B_20220217T223535_20220217T225056_E001 CS_OFFL_SIR_LRM_1B_20220217T223535_20220217T2230338_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_20220217T190533_20220217T191041_E001 CS_OFFL_SIR_LRM_1B_20220217T191556_20220217T195034_E001 CS_OFFL_SIR_LRM_1B_20220217T195218_20220217T195305_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195309_E001 CS_OFFL_SIR_LRM_1B_20220217T195312_20220217T195317_E001 CS_OFFL_SIR_LRM_1B_20220217T205635_20220217T210652_E001 CS_OFFL_SIR_LRM_1B_20220217T210654_20220217T211056_E001 CS_OFFL_SIR_LRM_1B_20220217T211217_20220217T211405_E001 CS_OFFL_SIR_LRM_1B_20220217T213043_20220217T213124_E001 CS_OFFL_SIR_LRM_1B_20220217T213128_20220217T213153_E001 CS_OFFL_SIR_LRM_1B_20220217T213155_20220217T213157_E001 CS_OFFL_SIR_LRM_1B_20220217T213212_2020217T213218_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T23218_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T21329_E001 CS_OFFL_SIR_LRM_1B_20220217T213231_20220217T213249_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213256_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213256_E001 CS_OFFL_SIR_LRM_1B_20220217T213256_2020217T22357_E001 CS_OFFL_SIR_LRM_1B_20220217T220504_20220217T22857_E001 CS_OFFL_SIR_LRM_1B_20220217T222654_20220217T222857_E001 CS_OFFL_SIR_LRM_1B_20220217T222654_20220217T225056_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_20220217T190533_20220217T191041_E001 CS_OFFL_SIR_LRM_1B_20220217T191556_20220217T195034_E001 CS_OFFL_SIR_LRM_1B_20220217T195218_20220217T195305_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195309_E001 CS_OFFL_SIR_LRM_1B_20220217T195312_20220217T195317_E001 CS_OFFL_SIR_LRM_1B_20220217T205635_20220217T210652_E001 CS_OFFL_SIR_LRM_1B_20220217T210654_20220217T211056_E001 CS_OFFL_SIR_LRM_1B_20220217T211217_20220217T211405_E001 CS_OFFL_SIR_LRM_1B_20220217T213043_20220217T213124_E001 CS_OFFL_SIR_LRM_1B_20220217T213128_20220217T213153_E001 CS_OFFL_SIR_LRM_1B_20220217T213155_20220217T213157_E001 CS_OFFL_SIR_LRM_1B_20220217T213212_2020217T213218_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T23218_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213249_E001 CS_OFFL_SIR_LRM_1B_20220217T213231_20200217T213249_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213256_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213256_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213257_E001 CS_OFFL_SIR_LRM_1B_20220217T220504_20220217T229506_E001 CS_OFFL_SIR_LRM_1B_20220217T2225515_20220217T225056_E001 CS_OFFL_SIR_LRM_1B_20220217T223537_20220217T225058_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_20220217T190533_20220217T191041_E001 CS_OFFL_SIR_LRM_1B_20220217T191556_20220217T195034_E001 CS_OFFL_SIR_LRM_1B_20220217T195218_20220217T195305_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195309_E001 CS_OFFL_SIR_LRM_1B_20220217T195312_20220217T195317_E001 CS_OFFL_SIR_LRM_1B_20220217T205635_20220217T210652_E001 CS_OFFL_SIR_LRM_1B_20220217T210654_20220217T211056_E001 CS_OFFL_SIR_LRM_1B_20220217T211217_20220217T211405_E001 CS_OFFL_SIR_LRM_1B_20220217T213043_20220217T213124_E001 CS_OFFL_SIR_LRM_1B_20220217T213128_20220217T213153_E001 CS_OFFL_SIR_LRM_1B_20220217T213155_20220217T213157_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213218_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213218_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213249_E001 CS_OFFL_SIR_LRM_1B_20220217T213231_20220217T213256_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T223554_20220217T22910_E001 CS_OFFL_SIR_LRM_1B_20220217T222654_20220217T222857_E001 CS_OFFL_SIR_LRM_1B_20220217T223537_20220217T223038_E001 CS_OFFL_SIR_LRM_1B_20220217T223515_20220217T230813_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_20220217T190533_20220217T191041_E001 CS_OFFL_SIR_LRM_1B_20220217T191556_20220217T195034_E001 CS_OFFL_SIR_LRM_1B_20220217T195218_20220217T195305_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195309_E001 CS_OFFL_SIR_LRM_1B_20220217T195312_20220217T195317_E001 CS_OFFL_SIR_LRM_1B_20220217T205635_20220217T210652_E001 CS_OFFL_SIR_LRM_1B_20220217T210654_20220217T211056_E001 CS_OFFL_SIR_LRM_1B_20220217T211217_20220217T211405_E001 CS_OFFL_SIR_LRM_1B_20220217T213043_20220217T213124_E001 CS_OFFL_SIR_LRM_1B_20220217T213128_20220217T213153_E001 CS_OFFL_SIR_LRM_1B_20220217T213155_20220217T213157_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213218_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213218_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213249_E001 CS_OFFL_SIR_LRM_1B_20220217T213231_20220217T213249_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T21910_E001 CS_OFFL_SIR_LRM_1B_20220217T220504_20220217T229506_E001 CS_OFFL_SIR_LRM_1B_20220217T223537_20220217T222857_E001 CS_OFFL_SIR_LRM_1B_20220217T223537_20220217T2230813_E001 CS_OFFL_SIR_LRM_1B_20220217T223515_20220217T230813_E001 CS_OFFL_SIR_LRM_1B_20220217T223515_20220217T230817_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_20220217T190533_20220217T191041_E001 CS_OFFL_SIR_LRM_1B_20220217T191556_20220217T195034_E001 CS_OFFL_SIR_LRM_1B_20220217T195218_20220217T195305_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195309_E001 CS_OFFL_SIR_LRM_1B_20220217T195312_20220217T195317_E001 CS_OFFL_SIR_LRM_1B_20220217T205635_20220217T210652_E001 CS_OFFL_SIR_LRM_1B_20220217T205635_20220217T211056_E001 CS_OFFL_SIR_LRM_1B_20220217T210654_20220217T211405_E001 CS_OFFL_SIR_LRM_1B_20220217T211217_20220217T211405_E001 CS_OFFL_SIR_LRM_1B_20220217T213043_20220217T213124_E001 CS_OFFL_SIR_LRM_1B_20220217T213128_20220217T213153_E001 CS_OFFL_SIR_LRM_1B_20220217T213155_20220217T213157_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213218_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213229_E001 CS_OFFL_SIR_LRM_1B_20220217T213221_20220217T213249_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T23553_20220217T22356_E001 CS_OFFL_SIR_LRM_1B_20220217T225054_20220217T225056_E001 CS_OFFL_SIR_LRM_1B_20220217T223515_20220217T230813_E001 CS_OFFL_SIR_LRM_1B_20220217T230514_20220217T230817_E001 CS_OFFL_SIR_LRM_1B_20220217T230815_20220217T230800_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_20220217T190533_20220217T191041_E001 CS_OFFL_SIR_LRM_1B_20220217T191556_20220217T195034_E001 CS_OFFL_SIR_LRM_1B_20220217T195218_20220217T195305_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195305_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195307_E001 CS_OFFL_SIR_LRM_1B_20220217T195312_20220217T195317_E001 CS_OFFL_SIR_LRM_1B_20220217T205635_20220217T210652_E001 CS_OFFL_SIR_LRM_1B_20220217T210654_20220217T211056_E001 CS_OFFL_SIR_LRM_1B_20220217T211217_20220217T211405_E001 CS_OFFL_SIR_LRM_1B_20220217T213043_20220217T213124_E001 CS_OFFL_SIR_LRM_1B_20220217T213043_20220217T213153_E001 CS_OFFL_SIR_LRM_1B_20220217T213155_20220217T213157_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213218_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213229_E001 CS_OFFL_SIR_LRM_1B_20220217T213221_20220217T213249_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T23537_20220217T22356_E001 CS_OFFL_SIR_LRM_1B_20220217T223537_20220217T223038_E001 CS_OFFL_SIR_LRM_1B_20220217T223537_20220217T2230813_E001 CS_OFFL_SIR_LRM_1B_20220217T230514_20220217T230813_E001 CS_OFFL_SIR_LRM_1B_20220217T230815_20220217T230834_E001 CS_OFFL_SIR_LRM_1B_20220217T230815_20220217T230834_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_20220217T190533_20220217T191041_E001 CS_OFFL_SIR_LRM_1B_20220217T19556_20220217T195034_E001 CS_OFFL_SIR_LRM_1B_20220217T195218_20220217T195305_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195305_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195307_E001 CS_OFFL_SIR_LRM_1B_20220217T195312_20220217T195317_E001 CS_OFFL_SIR_LRM_1B_20220217T205635_20220217T210652_E001 CS_OFFL_SIR_LRM_1B_20220217T210654_20220217T211056_E001 CS_OFFL_SIR_LRM_1B_20220217T211217_20220217T211405_E001 CS_OFFL_SIR_LRM_1B_20220217T213043_20220217T213124_E001 CS_OFFL_SIR_LRM_1B_20220217T213128_20220217T213153_E001 CS_OFFL_SIR_LRM_1B_20220217T213155_20220217T213157_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213218_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213229_E001 CS_OFFL_SIR_LRM_1B_20220217T213221_20220217T213249_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213217_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T23537_20220217T22357_E001 CS_OFFL_SIR_LRM_1B_20220217T23537_20220217T2230238_E001 CS_OFFL_SIR_LRM_1B_20220217T2255315_20220217T230838_E001 CS_OFFL_SIR_LRM_1B_20220217T230815_20220217T230834_E001 CS_OFFL_SIR_LRM_1B_20220217T230815_20220217T230834_E001 CS_OFFL_SIR_LRM_1B_20220217T230840_20220217T230834_E001 CS_OFFL_SIR_LRM_1B_20220217T230840_20220217T230845_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_20220217T190533_20220217T191041_E001 CS_OFFL_SIR_LRM_1B_20220217T19556_20220217T195034_E001 CS_OFFL_SIR_LRM_1B_20220217T195218_20220217T195305_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195309_E001 CS_OFFL_SIR_LRM_1B_20220217T195312_20220217T195317_E001 CS_OFFL_SIR_LRM_1B_20220217T205635_20220217T210652_E001 CS_OFFL_SIR_LRM_1B_20220217T205635_20220217T211056_E001 CS_OFFL_SIR_LRM_1B_20220217T210654_20220217T211056_E001 CS_OFFL_SIR_LRM_1B_20220217T211217_20220217T211405_E001 CS_OFFL_SIR_LRM_1B_20220217T213043_20220217T213124_E001 CS_OFFL_SIR_LRM_1B_20220217T213128_20220217T213153_E001 CS_OFFL_SIR_LRM_1B_20220217T213155_20220217T213157_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213218_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213229_E001 CS_OFFL_SIR_LRM_1B_20220217T213221_20220217T213249_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213217_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T233317_E001 CS_OFFL_SIR_LRM_1B_20220217T23537_20220217T233317_E001 CS_OFFL_SIR_LRM_1B_20220217T230504_20220217T230238_E001 CS_OFFL_SIR_LRM_1B_20220217T230514_20220217T230813_E001 CS_OFFL_SIR_LRM_1B_20220217T230815_20220217T230813_E001 CS_OFFL_SIR_LRM_1B_20220217T230815_20220217T230834_E001 CS_OFFL_SIR_LRM_1B_20220217T230840_20220217T230845_E001 CS_OFFL_SIR_LRM_1B_20220217T230848_20220217T230851_E001 CS_OFFL_SIR_LRM_1B_20220217T230848_20220217T230851_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_20220217T190533_20220217T191041_E001 CS_OFFL_SIR_LRM_1B_20220217T19556_20220217T195034_E001 CS_OFFL_SIR_LRM_1B_20220217T195218_20220217T195305_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195309_E001 CS_OFFL_SIR_LRM_1B_20220217T195307_20220217T195309_E001 CS_OFFL_SIR_LRM_1B_20220217T195312_20220217T195317_E001 CS_OFFL_SIR_LRM_1B_20220217T205635_20220217T210652_E001 CS_OFFL_SIR_LRM_1B_20220217T210654_20220217T211056_E001 CS_OFFL_SIR_LRM_1B_20220217T211217_20220217T211405_E001 CS_OFFL_SIR_LRM_1B_20220217T213043_20220217T213124_E001 CS_OFFL_SIR_LRM_1B_20220217T213128_20220217T213153_E001 CS_OFFL_SIR_LRM_1B_20220217T213155_20220217T213157_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213218_E001 CS_OFFL_SIR_LRM_1B_20220217T213201_20220217T213218_E001 CS_OFFL_SIR_LRM_1B_20220217T213221_20220217T213229_E001 CS_OFFL_SIR_LRM_1B_20220217T213231_20220217T213256_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213253_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T213258_20220217T213317_E001 CS_OFFL_SIR_LRM_1B_20220217T230514_20220217T230238_E001 CS_OFFL_SIR_LRM_1B_20220217T230514_20220217T230813_E001 CS_OFFL_SIR_LRM_1B_20220217T230514_20220217T230813_E001 CS_OFFL_SIR_LRM_1B_20220217T230815_20220217T230813_E001 CS_OFFL_SIR_LRM_1B_20220217T230815_20220217T230834_E001 CS_OFFL_SIR_LRM_1B_20220217T230840_20220217T230854_E001 CS_OFFL_SIR_LRM_1B_20220217T230848_20220217T230851_E001 CS_OFFL_SIR_LRM_1B_20220217T230848_20220217T230851_E001 CS_OFFL_SIR_LRM_1B_20220217T230854_20220217T230851_E001 CS_OFFL_SIR_LRM_1B_20220217T230854_20220217T230851_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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	Loss of echo

4.5 L1B Calibration Usage Check

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

Number of products with errors:

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220217T020534_20220217T023140_E001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20220217T234016_20220217T234144_E001	IECHO EFFOR TEK ECHO EFFOR	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: 243

Product	Test Failed	Description
CS_OFFL_SIR_LRM_2_20220217T001656_20220217T001818_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220217T002302_20220217T002651_E001		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_20220217T002814_20220217T003405_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_20220217T003407_20220217T003454_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_220220217T003457_20220217T005224_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_220220217T010549_20220217T012807_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_220220217T012833_20220217T012939_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_220220217T014103_20220217T014203_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_220220217T020534_20220217T023140_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_220220217T024417_20220217T031257_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_220220217T033845_20220217T034126_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_220220217T034252_20220217T041105_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_220220217T042336_20220217T044209_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_220220217T044829_20220217T044936_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_220220217T045146_20220217T045258_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220217T045435_20220217T045535_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_220220217T050116_20220217T050200_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_220220217T051445_20220217T054951_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220217T061707_20220217T061912_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_220220217T065451_20220217T070333_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_220220217T070619_20220217T072843_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_220220217T074153_20220217T075451_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_220220217T075639_20220217T080356_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_220220217T080451_20220217T080912_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_220220217T081825_20220217T081836_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220217T084041_20220217T090733_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_220220217T092531_20220217T093800_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_220220217T093820_20220217T095541_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_220220217T101712_20220217T102854_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_220220217T103058_20220217T104647_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_220220217T110237_20220217T111042_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_220220217T111927_20220217T113045_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_220220217T113107_20220217T113132_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_220220217T115405_20220217T120208_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220217T121023_20220217T122524_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_220220217T123857_20220217T131305_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
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CS_OFFL_SIR_LRM_220220217T132711_20220217T133315_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220217T133353_20220217T133416_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220217T134046_20220217T140145_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_20220217T141805_20220217T144524_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_20220217T151648_20220217T154444_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_20220217T155756_20220217T163242_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_20220217T165725_20220217T165817_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220217T165822_20220217T165911_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_20220217T173711_20220217T181104_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_20220217T182447_20220217T182559_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_220220217T183502_20220217T183544_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_220220217T184411_20220217T190327_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_220220217T191556_20220217T195034_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_220220217T201520_20220217T201953_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_220220217T202036_20220217T203816_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_220220217T205635_20220217T210652_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_20220217T210654_20220217T211056_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_220220217T211217_20220217T211405_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_220220217T211846_20220217T212601_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_20220217T213231_20220217T213249_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220217T214554_20220217T220327_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_20220217T220504_20220217T221910_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_220220217T223537_20220217T225056_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_20220217T225315_20220217T230238_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220217T230514_20220217T230813_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220217T232742_20220217T232847_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220217T233038_20220217T234013_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_220220217T234757_20220217T235352_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_220220217T235727_20220218T000201_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_20220217T000429_20220217T000533_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T000618_20220217T000658_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T000658_20220217T001030_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T001240_20220217T001343_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T001613_20220217T001655_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220220217T002246_20220217T002302_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T005225_20220217T005314_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T010545_20220217T010549_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T012807_20220217T012833_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T014203_20220217T014224_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T014224_20220217T014944_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T023141_20220217T023250_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T024357_20220217T024417_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T032023_20220217T032204_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T032214_20220217T032428_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T032431_20220217T033015_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T034127_20220217T034252_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T041105_20220217T041228_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T045008_20220217T045146_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T045258_20220217T045435_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T050200_20220217T050254_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T050351_20220217T051141_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T054951_20220217T055215_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T060154_20220217T060220_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T060526_20220217T060725_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T061045_20220217T061707_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T063059_20220217T063255_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T063518_20220217T063655_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T063748_20220217T063756_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T070333_20220217T070619_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T072844_20220217T072944_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T074107_20220217T074153_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T075451_20220217T075638_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T080912_20220217T081638_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T081836_20220217T081912_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T082322_20220217T083051_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T083208_20220217T083416_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T083420_20220217T083515_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T084023_20220217T084041_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20220217T090734_20220217T090741_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T091910_20220217T092200_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T092223_20220217T092530_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T093800_20220217T093820_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T095541_20220217T095545_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T100219_20220217T100758_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T100847_20220217T100942_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T101340_20220217T101428_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T102854_20220217T103058_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T105751_20220217T110118_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T110153_20220217T110236_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T113045_20220217T113053_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T113053_20220217T113107_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T113132_20220217T113232_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T113414_20220217T113542_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T113836_20220217T113920_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T114132_20220217T114825_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T120208_20220217T121023_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T122525_20220217T122536_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T131305_20220217T131453_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T131956_20220217T132510_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T132544_20220217T132710_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T140145_20220217T140231_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T140535_20220217T140553_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T141730_20220217T141805_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T145745_20220217T150533_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T150536_20220217T150815_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T155624_20220217T155756_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T163557_20220217T164329_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T164353_20220217T164857_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T165242_20220217T165440_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T165546_20220217T165725_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T171457_20220217T171801_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T172430_20220217T172455_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20220217T173503_20220217T173710_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T181104_20220217T182132_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T182132_20220217T182256_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T182350_20220217T182447_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T182735_20220217T183029_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T183245_20220217T183502_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T190327_20220217T190416_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T191354_20220217T191556_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T195035_20220217T195218_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T195346_20220217T200032_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T203816_20220217T204119_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T204203_20220217T204514_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T205521_20220217T205635_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T211056_20220217T211216_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T211405_20220217T211846_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T212601_20220217T213023_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T213323_20220217T213442_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T213501_20220217T213924_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T213924_20220217T214034_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T214534_20220217T214553_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T220327_20220217T220503_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T221910_20220217T222412_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220217T225056_20220217T225315_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T231302_20220217T231704_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T231704_20220217T231942_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T232308_20220217T232742_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220217T232847_20220217T233038_E001	Backscatter Error (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_20220217T000534_20220217T000618_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_220220217T001030_20220217T001240_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_220220217T001343_20220217T001613_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_20220217T002651_20220217T002814_E001	Backscatter Error (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_220220217T005314_20220217T005451_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_220220217T010340_20220217T010544_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_20220217T013014_20220217T013321_E001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220220217T013416_20220217T013550_E001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220217T014944_20220217T015430_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_20220217T023251_20220217T023418_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_20220217T023600_20220217T023705_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220217T024131_20220217T024357_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_20220217T032204_20220217T032214_E001	Backscatter Error (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_20220217T032428_20220217T032431_E001	Backscatter Error (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_220220217T033015_20220217T033845_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_20220217T041229_20220217T041621_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_220220217T042210_20220217T042335_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_20220217T045809_20220217T045932_E001	Backscatter Error (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_20220217T050048_20220217T050116_E001	Backscatter Error (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_220220217T050254_20220217T050351_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_220220217T051141_20220217T051242_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_220220217T051327_20220217T051445_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_20220217T055215_20220217T055528_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_20220217T060043_20220217T060154_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_20220217T063255_20220217T063348_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_20220217T063656_20220217T063748_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220220217T072944_20220217T073404_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_20220217T073945_20220217T074106_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_20220217T081735_20220217T081825_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_220220217T081913_20220217T082321_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_20220217T090741_20220217T090903_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_20220217T091723_20220217T091910_E001	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_20220217T095545_20220217T095707_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_220220217T095852_20220217T095921_E001	ISARIN X-Track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220217T100125_20220217T100219_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_220220217T100758_20220217T100847_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	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220220217T104647_20220217T104829_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), 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
CS_OFFL_SIR_SIN_220220217T105528_20220217T105751_E001	track Angle Error Backscatter Error (Retracker 2), 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
CS_OFFL_SIR_SIN_220220217T110118_20220217T110153_E001	track Angle Error Backscatter Error (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_20220217T113542_20220217T113836_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_220220217T113921_20220217T114132_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_20220217T122536_20220217T122749_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_220220217T123430_20220217T123857_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_20220217T131604_20220217T131956_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_220220217T132510_20220217T132544_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_220220217T133450_20220217T133609_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_20220217T133707_20220217T134019_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_220220217T140553_20220217T140827_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_20220217T141157_20220217T141204_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220217T141547_20220217T141730_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_220220217T144727_20220217T145745_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_220220217T150533_20220217T150535_E001	Backscatter Error (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_220220217T154444_20220217T154613_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_220220217T155447_20220217T155518_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220217T155519_20220217T155624_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_220220217T163243_20220217T163406_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_220220217T163450_20220217T163557_E001	Backscatter Error (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_220220217T164329_20220217T164353_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_220220217T172455_20220217T172612_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_20220217T173144_20220217T173502_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_220220217T182256_20220217T182350_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_220220217T182600_20220217T182720_E001	Backscatter Error (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_220220217T184217_20220217T184410_E001	Backscatter Error (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_220220217T190416_20220217T190533_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_220220217T191041_20220217T191354_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

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CS_OFFL_SIR_SIN_220220217T201953_20220217T202036_E001	Backscatter Error (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_220220217T204514_20220217T204749_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_220220217T204946_20220217T205520_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_220220217T213442_20220217T213501_E001	Backscatter Error (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_20220217T214035_20220217T214533_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_220220217T222413_20220217T222654_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_20220217T222857_20220217T222958_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220217T223359_20220217T223536_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_220220217T230238_20220217T230514_E001	Backscatter Error (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_220220217T231942_20220217T232050_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_220220217T232153_20220217T232308_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_220220217T235352_20220217T235727_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