

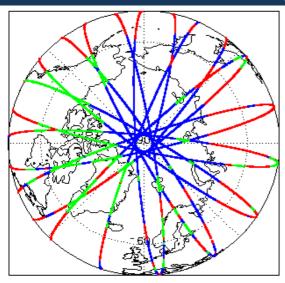
1. Overview

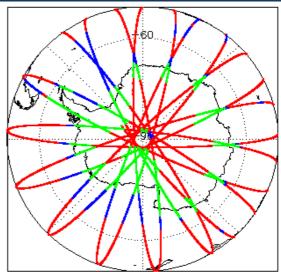
Report Production Date:	03-Feb-2022	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

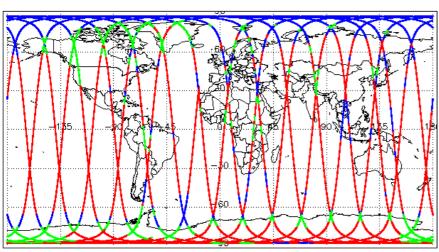
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

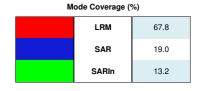
Mission / Instrument News		
03-Jan-2022	None	
04-Jan-2022	None	
05-Jan-2022	Nothing planned	

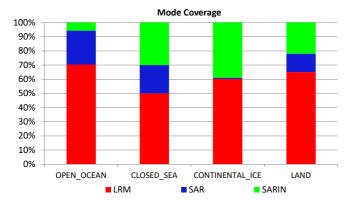
2. Global Coverage

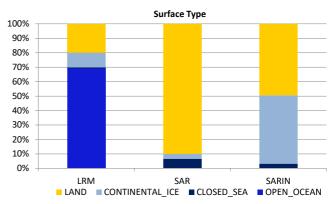












3. Instrument Configuration

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:

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4.2 L1B Product Header Analysis

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

Number of products with errors:

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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:

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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_20220103T235928_20220104T000123_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T000330_20220104T000628_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T001239_20220104T003651_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T003919_20220104T004043_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T004046_20220104T004134_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T004138_20220104T004533_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T010153_20220104T011428_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T011713_20220104T011941_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T011957_20220104T012036_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T012038_20220104T012100_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T012102_20220104T012614_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T013804_20220104T014043_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T020357_20220104T020639_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T021106_20220104T021825_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T021827_20220104T021847_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T021850_20220104T021911_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T021913_20220104T021913_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T021919_20220104T021926_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T021929_20220104T022530_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T024046_20220104T024635_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T024919_20220104T031323_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T031555_20220104T032440_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T032659_20220104T035147_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T035423_20220104T035426_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T035431_20220104T035516_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T035641_20220104T040048_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T041755_20220104T045152_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T050535_20220104T053551_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T053603_20220104T053904_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T055925_20220104T063056_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T065355_20220104T070203_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T070336_20220104T070832_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T070938_20220104T071102_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T071254_20220104T071353_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T071531_20220104T071639_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T071639_20220104T071835_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T072221_20220104T072307_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T073600_20220104T074702_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T074708_20220104T081039_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T083826_20220104T084252_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T084402_20220104T084739_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T084922_20220104T085206_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T085434_20220104T085602_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T092725_20220104T094917_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T100257_20220104T102504_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T103928_20220104T103930_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T105214_20220104T105229_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T105231_20220104T105244_E001	Loss of echo	The tracking echo is missing for one or more records
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CS OFFI SID LDM 1D 20220104T10F240 20220104T10F2F2 F004		
CS_OFFL_SIR_LRM_1B_20220104T105249_20220104T105253_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T105255_20220104T105317_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T110146_20220104T111211_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T111215_20220104T112844_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T113552_20220104T113816_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T114639_20220104T115749_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T115751_20220104T115907_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220104T123050 20220104T123114 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220104T123117 20220104T123128 E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220104T123132_20220104T123140_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T123145_20220104T123151_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220104T123153 20220104T123202 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T123204_20220104T123220_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T123224_20220104T123228_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T123231_20220104T123235_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T123238_20220104T123241_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T123243_20220104T123346_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220104T123348 20220104T123412 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T123415_20220104T123418_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T123616_20220104T123632_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T124036_20220104T125001_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T125205_20220104T130735_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T132328_20220104T133554_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T134035_20220104T135214_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220104T140933 20220104T141347 E001		The tracking echo is missing for one or more records
	Loss of echo	o o
CS_OFFL_SIR_LRM_1B_20220104T141443_20220104T141452_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T141454_20220104T141455_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T141457_20220104T141501_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T141504_20220104T141509_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T141512_20220104T141513_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T141517_20220104T141527_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T141533_20220104T141539_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220104T141542 20220104T142311 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T145959_20220104T152324_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T152327_20220104T152708_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T152816_20220104T153450_E001	Loss of echo	The tracking echo is missing for one or more records
	Loss of echo	
CS_OFFL_SIR_LRM_1B_20220104T154828_20220104T155432_E001	Loss of ecrio	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T155435_20220104T155440_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220104T155442 20220104T155446 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T155448_20220104T155454_E001	Loss of echo	
		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T155456_20220104T155521_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220104T155523 20220104T155540 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220104T155542 20220104T155543 E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220104T155545_20220104T155551_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T155724_20220104T155821_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T160054_20220104T162142_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T162922_20220104T163301_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T163915_20220104T170800_E001		
	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220104T172926 20220104T173451 F001		
CS_OFFL_SIR_LRM_1B_20220104T172926_20220104T173451_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T172926_20220104T173451_E001 CS_OFFL_SIR_LRM_1B_20220104T173556_20220104T173723_E001		
	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001	Loss of echo Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173730_20220104T173918_E001	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
CS_OFFL_SIR_LRM_1B_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173730_20220104T173918_E001 CS_OFFL_SIR_LRM_1B_20220104T173921_20220104T180537_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173730_20220104T173918_E001	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_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173918_E001 CS_OFFL_SIR_LRM_1B_20220104T173921_20220104T180537_E001 CS_OFFL_SIR_LRM_1B_20220104T181223_20220104T181552_E001 CS_OFFL_SIR_LRM_1B_20220104T191016_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191540_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191939_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192114_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192415_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192746_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192920_20220104T193616_E001 CS_OFFL_SIR_LRM_1B_20220104T204913_20220104T204945_E001 CS_OFFL_SIR_LRM_1B_20220104T205609_20220104T210001_E001 CS_OFFL_SIR_LRM_1B_20220104T210003_20220104T210223_E001 CS_OFFL_SIR_LRM_1B_20220104T212641_20220104T213146_E001 CS_OFFL_SIR_LRM_1B_20220104T21331_20220104T221100_E001 CS_OFFL_SIR_LRM_1B_20220104T21331_20220104T221100_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_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173921_20220104T180537_E001 CS_OFFL_SIR_LRM_1B_20220104T181223_20220104T181552_E001 CS_OFFL_SIR_LRM_1B_20220104T191016_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191540_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191939_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192114_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192114_20220104T192415_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192610_E001 CS_OFFL_SIR_LRM_1B_20220104T192746_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192920_20220104T193616_E001 CS_OFFL_SIR_LRM_1B_20220104T204913_20220104T204945_E001 CS_OFFL_SIR_LRM_1B_20220104T205609_20220104T210001_E001 CS_OFFL_SIR_LRM_1B_20220104T212641_20220104T213146_E001 CS_OFFL_SIR_LRM_1B_20220104T212641_20220104T213146_E001 CS_OFFL_SIR_LRM_1B_20220104T213749_20220104T221100_E001 CS_OFFL_SIR_LRM_1B_20220104T213749_20220104T221407_E001 CS_OFFL_SIR_LRM_1B_20220104T221331_20220104T221410_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_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173918_E001 CS_OFFL_SIR_LRM_1B_20220104T173921_20220104T180537_E001 CS_OFFL_SIR_LRM_1B_20220104T181223_20220104T181552_E001 CS_OFFL_SIR_LRM_1B_20220104T191016_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191540_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191939_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192114_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192415_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192746_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192920_20220104T193616_E001 CS_OFFL_SIR_LRM_1B_20220104T204913_20220104T204945_E001 CS_OFFL_SIR_LRM_1B_20220104T205609_20220104T210001_E001 CS_OFFL_SIR_LRM_1B_20220104T210003_20220104T210223_E001 CS_OFFL_SIR_LRM_1B_20220104T212641_20220104T213146_E001 CS_OFFL_SIR_LRM_1B_20220104T21331_20220104T221100_E001 CS_OFFL_SIR_LRM_1B_20220104T21331_20220104T221100_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_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173921_20220104T180537_E001 CS_OFFL_SIR_LRM_1B_20220104T181223_20220104T181552_E001 CS_OFFL_SIR_LRM_1B_20220104T191016_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191540_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191939_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192114_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192114_20220104T192415_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192610_E001 CS_OFFL_SIR_LRM_1B_20220104T192746_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192920_20220104T193616_E001 CS_OFFL_SIR_LRM_1B_20220104T204913_20220104T204945_E001 CS_OFFL_SIR_LRM_1B_20220104T205609_20220104T210001_E001 CS_OFFL_SIR_LRM_1B_20220104T212641_20220104T213146_E001 CS_OFFL_SIR_LRM_1B_20220104T212641_20220104T213146_E001 CS_OFFL_SIR_LRM_1B_20220104T213749_20220104T221100_E001 CS_OFFL_SIR_LRM_1B_20220104T213749_20220104T221407_E001 CS_OFFL_SIR_LRM_1B_20220104T221331_20220104T221410_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_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173918_E001 CS_OFFL_SIR_LRM_1B_20220104T173921_20220104T180537_E001 CS_OFFL_SIR_LRM_1B_20220104T181223_20220104T181552_E001 CS_OFFL_SIR_LRM_1B_20220104T191016_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191540_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191939_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192114_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192415_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192920_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192920_20220104T193616_E001 CS_OFFL_SIR_LRM_1B_20220104T204913_20220104T204945_E001 CS_OFFL_SIR_LRM_1B_20220104T205609_20220104T2023_E001 CS_OFFL_SIR_LRM_1B_20220104T210003_20220104T210223_E001 CS_OFFL_SIR_LRM_1B_20220104T212641_20220104T221100_E001 CS_OFFL_SIR_LRM_1B_20220104T21331_20220104T221100_E001 CS_OFFL_SIR_LRM_1B_20220104T21331_20220104T221407_E001 CS_OFFL_SIR_LRM_1B_20220104T221331_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T221410_20220104T221432_E001 CS_OFFL_SIR_LRM_1B_20220104T221410_20220104T221432_E001 CS_OFFL_SIR_LRM_1B_20220104T221410_20220104T221432_E001 CS_OFFL_SIR_LRM_1B_20220104T221410_20220104T221432_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_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173918_E001 CS_OFFL_SIR_LRM_1B_20220104T173921_20220104T180537_E001 CS_OFFL_SIR_LRM_1B_20220104T181223_20220104T181552_E001 CS_OFFL_SIR_LRM_1B_20220104T191016_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191540_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191939_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192114_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192415_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192746_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192920_20220104T193616_E001 CS_OFFL_SIR_LRM_1B_20220104T204913_20220104T204945_E001 CS_OFFL_SIR_LRM_1B_20220104T205609_20220104T2023_E001 CS_OFFL_SIR_LRM_1B_20220104T210003_20220104T210223_E001 CS_OFFL_SIR_LRM_1B_20220104T212641_20220104T221100_E001 CS_OFFL_SIR_LRM_1B_20220104T2133140_E001 CS_OFFL_SIR_LRM_1B_20220104T21331_20220104T221407_E001 CS_OFFL_SIR_LRM_1B_20220104T221410_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T221410_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T221416_20220104T221431_E001 CS_OFFL_SIR_LRM_1B_20220104T221416_20220104T221431_E001 CS_OFFL_SIR_LRM_1B_20220104T221416_20220104T221431_E001 CS_OFFL_SIR_LRM_1B_20220104T221416_20220104T221431_E001 CS_OFFL_SIR_LRM_1B_20220104T221416_20220104T221431_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_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173918_E001 CS_OFFL_SIR_LRM_1B_20220104T173921_20220104T180537_E001 CS_OFFL_SIR_LRM_1B_20220104T181223_20220104T181552_E001 CS_OFFL_SIR_LRM_1B_20220104T191016_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191540_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191939_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192114_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192415_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192920_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192920_20220104T193616_E001 CS_OFFL_SIR_LRM_1B_20220104T204913_20220104T204945_E001 CS_OFFL_SIR_LRM_1B_20220104T205609_20220104T2023_E001 CS_OFFL_SIR_LRM_1B_20220104T210003_20220104T210223_E001 CS_OFFL_SIR_LRM_1B_20220104T212641_20220104T221100_E001 CS_OFFL_SIR_LRM_1B_20220104T21331_20220104T221100_E001 CS_OFFL_SIR_LRM_1B_20220104T21331_20220104T221407_E001 CS_OFFL_SIR_LRM_1B_20220104T221331_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T221410_20220104T221432_E001 CS_OFFL_SIR_LRM_1B_20220104T221410_20220104T221432_E001 CS_OFFL_SIR_LRM_1B_20220104T221410_20220104T221432_E001 CS_OFFL_SIR_LRM_1B_20220104T221410_20220104T221432_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_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173730_20220104T173918_E001 CS_OFFL_SIR_LRM_1B_20220104T173921_20220104T180537_E001 CS_OFFL_SIR_LRM_1B_20220104T181223_20220104T181552_E001 CS_OFFL_SIR_LRM_1B_20220104T191016_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191540_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191939_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192114_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192415_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192746_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192920_20220104T193616_E001 CS_OFFL_SIR_LRM_1B_20220104T204913_20220104T204945_E001 CS_OFFL_SIR_LRM_1B_20220104T204913_20220104T210001_E001 CS_OFFL_SIR_LRM_1B_20220104T210003_20220104T210223_E001 CS_OFFL_SIR_LRM_1B_20220104T212641_20220104T213146_E001 CS_OFFL_SIR_LRM_1B_20220104T21331_20220104T221100_E001 CS_OFFL_SIR_LRM_1B_20220104T221331_20220104T221407_E001 CS_OFFL_SIR_LRM_1B_20220104T221410_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T221410_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T221416_20220104T221431_E001 CS_OFFL_SIR_LRM_1B_20220104T221416_20220104T221431_E001 CS_OFFL_SIR_LRM_1B_20220104T221416_20220104T221431_E001 CS_OFFL_SIR_LRM_1B_20220104T221416_20220104T221431_E001 CS_OFFL_SIR_LRM_1B_20220104T221416_20220104T221431_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_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173730_20220104T173918_E001 CS_OFFL_SIR_LRM_1B_20220104T173921_20220104T180537_E001 CS_OFFL_SIR_LRM_1B_20220104T181223_20220104T181552_E001 CS_OFFL_SIR_LRM_1B_20220104T191016_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191016_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191540_20220104T191653_E001 CS_OFFL_SIR_LRM_1B_20220104T191393_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192114_20220104T192415_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192610_E001 CS_OFFL_SIR_LRM_1B_20220104T192746_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192920_20220104T193616_E001 CS_OFFL_SIR_LRM_1B_20220104T204913_20220104T204945_E001 CS_OFFL_SIR_LRM_1B_20220104T205609_20220104T210001_E001 CS_OFFL_SIR_LRM_1B_20220104T210003_20220104T210223_E001 CS_OFFL_SIR_LRM_1B_20220104T212641_20220104T213146_E001 CS_OFFL_SIR_LRM_1B_20220104T213749_20220104T221100_E001 CS_OFFL_SIR_LRM_1B_20220104T213749_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T221331_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T221331_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T221331_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T221331_20220104T221432_E001 CS_OFFL_SIR_LRM_1B_20220104T233312_20220104T2233350_E001 CS_OFFL_SIR_LRM_1B_20220104T233312_20220104T2333316_E001 CS_OFFL_SIR_LRM_1B_20220104T2333318_20220104T2333323_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_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173730_20220104T173918_E001 CS_OFFL_SIR_LRM_1B_20220104T173921_20220104T180537_E001 CS_OFFL_SIR_LRM_1B_20220104T181223_20220104T181552_E001 CS_OFFL_SIR_LRM_1B_20220104T191016_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191016_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191540_20220104T191653_E001 CS_OFFL_SIR_LRM_1B_20220104T191393_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192114_20220104T192415_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192610_E001 CS_OFFL_SIR_LRM_1B_20220104T192746_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192920_20220104T193616_E001 CS_OFFL_SIR_LRM_1B_20220104T204913_20220104T204945_E001 CS_OFFL_SIR_LRM_1B_20220104T205609_20220104T210001_E001 CS_OFFL_SIR_LRM_1B_20220104T210003_20220104T210223_E001 CS_OFFL_SIR_LRM_1B_20220104T212641_20220104T213146_E001 CS_OFFL_SIR_LRM_1B_20220104T213749_20220104T221410_E001 CS_OFFL_SIR_LRM_1B_20220104T213749_20220104T221407_E001 CS_OFFL_SIR_LRM_1B_20220104T21311_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T221331_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T2331737_20220104T221432_E001 CS_OFFL_SIR_LRM_1B_20220104T2331737_20220104T233305_E001 CS_OFFL_SIR_LRM_1B_20220104T233312_20220104T233316_E001 CS_OFFL_SIR_LRM_1B_20220104T233312_20220104T233323_E001 CS_OFFL_SIR_LRM_1B_20220104T233318_20220104T233337_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_20220104T173556_20220104T173723_E001 CS_OFFL_SIR_LRM_1B_20220104T173727_20220104T173728_E001 CS_OFFL_SIR_LRM_1B_20220104T173730_20220104T173918_E001 CS_OFFL_SIR_LRM_1B_20220104T173921_20220104T180537_E001 CS_OFFL_SIR_LRM_1B_20220104T181223_20220104T181552_E001 CS_OFFL_SIR_LRM_1B_20220104T191016_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191016_20220104T191238_E001 CS_OFFL_SIR_LRM_1B_20220104T191540_20220104T1912008_E001 CS_OFFL_SIR_LRM_1B_20220104T191399_20220104T192008_E001 CS_OFFL_SIR_LRM_1B_20220104T192114_20220104T192415_E001 CS_OFFL_SIR_LRM_1B_20220104T192508_20220104T192610_E001 CS_OFFL_SIR_LRM_1B_20220104T192746_20220104T192826_E001 CS_OFFL_SIR_LRM_1B_20220104T192920_20220104T193616_E001 CS_OFFL_SIR_LRM_1B_20220104T204913_20220104T204945_E001 CS_OFFL_SIR_LRM_1B_20220104T205609_20220104T210001_E001 CS_OFFL_SIR_LRM_1B_20220104T210003_20220104T210223_E001 CS_OFFL_SIR_LRM_1B_20220104T212641_20220104T2213146_E001 CS_OFFL_SIR_LRM_1B_20220104T213749_20220104T221407_E001 CS_OFFL_SIR_LRM_1B_20220104T213131_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T221331_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T221331_20220104T221414_E001 CS_OFFL_SIR_LRM_1B_20220104T221331_20220104T221432_E001 CS_OFFL_SIR_LRM_1B_20220104T221331_20220104T221432_E001 CS_OFFL_SIR_LRM_1B_20220104T233312_20220104T223335_E001 CS_OFFL_SIR_LRM_1B_20220104T233312_20220104T233336_E001 CS_OFFL_SIR_LRM_1B_20220104T233312_20220104T2333323_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_20220104T233955_20220104T234825_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T235139_20220104T235144_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T235147_20220104T235218_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T235221_20220104T235223_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T235225_20220104T235243_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T235246_20220104T235257_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T235300_20220104T235302_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T235304_20220104T235339_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T235341_20220104T235403_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220104T235412_20220104T235422_E001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

Number of products with errors:

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

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: 23

Product	Test Failed	Description
CS_OFFL_SIR_LRM_2_20220104T000750_20220104T001200_E001	9	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220220104T001239_20220104T003651_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_220220104T010153_20220104T011428_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_20220104T014733_20220104T020217_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_20220104T020357_20220104T020639_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_20220104T021850_20220104T021911_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220104T021913_20220104T021913_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220104T024046_20220104T024635_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_20220104T024919_20220104T031323_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_20220104T032659_20220104T035147_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_20220104T035641_20220104T040048_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220104T041755_20220104T045152_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_20220104T050535_20220104T053551_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_20220104T055925_20220104T063056_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_20220104T064454_20220104T065059_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_20220104T065355_20220104T070203_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_20220104T071254_20220104T071353_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_20220104T072221_20220104T072307_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_20220104T073600_20220104T074702_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_20220104T074708_20220104T081039_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_20220104T082810_20220104T083710_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_20220104T083826_20220104T084252_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_20220104T091529_20220104T092439_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_20220104T092725_20220104T094917_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_20220104T100257_20220104T102504_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_20220104T102551_20220104T103018_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_20220104T105659_20220104T110007_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_20220104T110146_20220104T111211_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_20220104T111215_20220104T112844_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_20220104T114639_20220104T115749_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_20220104T120000_20220104T121702_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_20220104T124036_20220104T125001_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_20220104T125205_20220104T130735_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_20220104T132328_20220104T133554_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_20220104T134035_20220104T135214_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_20220104T135453_20220104T135613_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220104T143128_20220104T144633_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_220220104T145959_20220104T152324_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_20220104T152327_20220104T152708_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_20220104T160054_20220104T162142_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_20220104T162232_20220104T162630_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_220220104T163915_20220104T170800_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_220220104T173921_20220104T180537_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_220220104T181952_20220104T185358_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_220220104T190635_20220104T190750_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_220220104T194229_20220104T194518_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_220220104T195843_20220104T203222_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_220220104T204739_20220104T204749_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_220220104T205609_20220104T210001_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_220220104T210457_20220104T212433_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_220220104T213749_20220104T221100_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_220220104T223626_20220104T225922_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_220220104T231737_20220104T232943_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_220220104T233047_20220104T233305_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_20220104T233341_20220104T233513_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_20220104T233955_20220104T234825_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_220220104T001200_20220104T001238_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T004534_20220104T005043_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T005043_20220104T005204_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T010035_20220104T010152_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T012614_20220104T013054_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T014711_20220104T014733_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T020217_20220104T020356_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T020640_20220104T020901_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T020901_20220104T021106_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T022530_20220104T022650_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T022717_20220104T023135_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T023348_20220104T023440_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T023708_20220104T023745_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T024636_20220104T024756_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T031323_20220104T031415_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

	Poskopattar Errar (Patroskar 2)	
CS_OFFL_SIR_SAR_220220104T032639_20220104T032659_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T040300_20220104T040310_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T040310_20220104T041055_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T045152_20220104T045353_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T050511_20220104T050534_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T054122_20220104T055132_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T063056_20220104T063335_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T064437_20220104T064454_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T065100_20220104T065355_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T071102_20220104T071254_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T071354_20220104T071502_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T071835_20220104T071917_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T072308_20220104T072405_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T072456_20220104T073243_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T081039_20220104T081318_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T082302_20220104T082343_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T082633_20220104T082810_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T083710_20220104T083826_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T085206_20220104T085354_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T085603_20220104T085619_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T085619_20220104T085904_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T090053_20220104T090117_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T090130_20220104T090420_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T090439_20220104T091529_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T092439_20220104T092724_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T094917_20220104T095036_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T100208_20220104T100257_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T103019_20220104T103330_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T103930_20220104T104009_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T104428_20220104T105155_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T105403_20220104T105518_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T105558_20220104T105659_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T110007_20220104T110146_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T114003_20220104T114638_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

Backscatter Error (Retracker 3)	
CS_OFFL_SIR_SAR_2_20220104T122336_20220104T122859_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T122952_20220104T123050_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T123837_20220104T124035_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T125002_20220104T125205_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T130735_20220104T130752_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T131900_20220104T132128_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T132251_20220104T132326_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T132327_20220104T132328_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T135214_20220104T135320_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T135613_20220104T135703_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T140017_20220104T140026_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T140236_20220104T140933_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T142312_20220104T143127_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T144634_20220104T144647_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T145915_20220104T145958_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T152708_20220104T152816_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T154100_20220104T154607_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T154644_20220104T154828_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T162142_20220104T162232_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T162631_20220104T162652_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T163833_20220104T163915_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T171821_20220104T172631_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T172654_20220104T172757_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T172757_20220104T172925_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T180538_20220104T180554_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T181733_20220104T181952_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T185709_20220104T190441_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T190457_20220104T190635_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T190751_20220104T191016_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T191353_20220104T191540_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T191653_20220104T191844_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T193616_20220104T193906_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220104T194029_20220104T194228_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2	and 3 for one or more records

	Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_220220104T194518_20220104T194558_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_SAR_220220104T195603_20220104T195843_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T203222_20220104T204240_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T204240_20220104T204402_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T204509_20220104T204541_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T205003_20220104T205158_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T205407_20220104T205609_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T212433_20220104T212527_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T213504_20220104T213749_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T221101_20220104T221330_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T221440_20220104T222139_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T225922_20220104T230620_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T231713_20220104T231736_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T232943_20220104T233047_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T233514_20220104T233955_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T234825_20220104T234858_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T234949_20220104T235113_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220104T235429_20220104T235944_E001	Backscatter Error (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_20220104T000123_20220104T000330_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220104T000628_20220104T000750_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_20220104T003651_20220104T003919_E001	Backscatter Error (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_20220104T005204_20220104T005321_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_20220104T005623_20220104T005827_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_20220104T013152_20220104T013804_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_20220104T014043_20220104T014101_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220104T014530_20220104T014711_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_20220104T022651_20220104T022716_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_220220104T023136_20220104T023348_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_20220104T023441_20220104T023708_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_20220104T024756_20220104T024918_E001	Backscatter Error (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_20220104T031415_20220104T031554_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_20220104T032441_20220104T032638_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_20220104T035147_20220104T035423_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_20220104T035517_20220104T035641_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

	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	There is a backscatter error for Retracker 2 and 3, an ambiguous angle
CS_OFFL_SIR_SIN_2_20220104T041056_20220104T041540_E001	track Angle Error, Surface model unavailable Backscatter Error (Retracker 2),	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_20220104T045353_20220104T045524_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_20220104T045700_20220104T045811_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220104T050234_20220104T050510_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220104T055133_20220104T055925_E001	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_20220104T063336_20220104T063726_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_20220104T064314_20220104T064437_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_20220104T071502_20220104T071521_E001	Backscatter Error (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_20220104T071917_20220104T072040_E001	Backscatter Error (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_20220104T072144_20220104T072221_E001	Backscatter Error (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_20220104T072405_20220104T072455_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_20220104T073243_20220104T073352_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_20220104T073436_20220104T073600_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_20220104T081318_20220104T081632_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_20220104T082146_20220104T082302_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_20220104T084253_20220104T084402_E001	Backscatter Error (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_20220104T085354_20220104T085434_E001	Backscatter Error (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_20220104T090420_20220104T090439_E001	Backscatter Error (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_20220104T095037_20220104T095457_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_20220104T100052_20220104T100208_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_20220104T102505_20220104T102551_E001	Backscatter Error (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_20220104T103855_20220104T103927_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_20220104T104010_20220104T104250_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_20220104T104303_20220104T104427_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_20220104T112845_20220104T113007_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_20220104T113816_20220104T114003_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_20220104T121702_20220104T122110_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_20220104T122232_20220104T122335_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_20220104T122900_20220104T122951_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_20220104T123651_20220104T123837_E001	Backscatter Error (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_20220104T130753_20220104T130935_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_20220104T131503_20220104T131510_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records

Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
track Angle Error Backscatter Error (Retracker 2),	was detected for SARIn mode for one or more records
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
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
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
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	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, 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
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
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
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
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
SARIn X-track Angle Error	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	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, 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
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
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	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, 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
Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
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
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	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, 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
Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
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
Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
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	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	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	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 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable SARIn X-track Angle Error, Surface model unavailable SARIn X-track Angle Error, Surface model unavailable Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error SARIn X-track Angle Error Surface model unavailable Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle