

1. Overview

Report Production Date:	20-Mar-2023
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

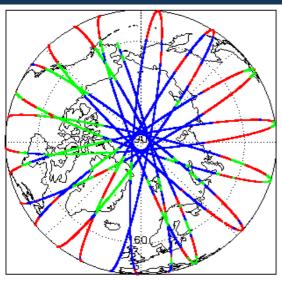
We would love to hear from you!

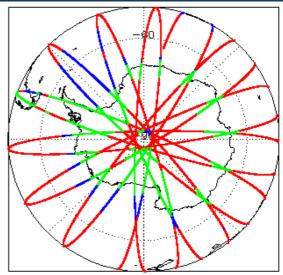
Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2_qc_team@telespazio.com

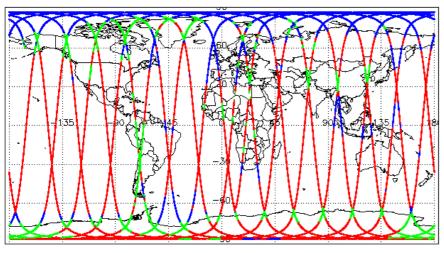
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	See Section 4.7 and 5.4
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

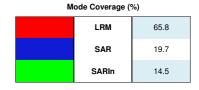
Mission / Instrument News		
16-Feb-2023	None	
17-Feb-2023	None	
18-Feb-2023	Nothing planned	

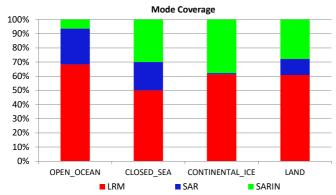
2. Global Coverage

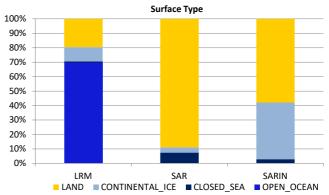












3. Instrument Configuration

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 product file (.DBL).

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:

Λ

4.3 Star Tracker Usage Check

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

Number of products with errors:

0

4.4 L1B Tracking Flags Check

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

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

Number of products with errors:

143

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20230217T001426_20230217T001429_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T001759_20230217T001842_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T001905_20230217T001912_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T001924_20230217T001926_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T001958_20230217T002002_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T002339_20230217T002516_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T002700_20230217T003040_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T005301_20230217T005809_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T010326_20230217T013822_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T013933_20230217T013957_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T014002_20230217T014033_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T014035_20230217T014049_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T024401_20230217T030000_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T031819_20230217T031826_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T031832_20230217T031845_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T031847_20230217T031857_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T031904_20230217T031907_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T031913_20230217T031917_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T031920_20230217T031937_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T031939_20230217T031955_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T032003_20230217T032010_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T032012_20230217T032013_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T032019_20230217T032048_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T035230_20230217T035359_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T035401_20230217T040614_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T041424_20230217T041624_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T042306_20230217T043845_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T044047_20230217T045011_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T045310_20230217T045353_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T045355_20230217T045442_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T045444_20230217T045549_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T045554_20230217T045631_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T045633_20230217T045641_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T045644_20230217T045648_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T045651_20230217T045655_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T045657_20230217T045702_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T045704_20230217T050034_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T051805_20230217T052914_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T052916_20230217T052931_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T062609_20230217T062720_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T063119_20230217T063147_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20230217T063149_20230217T063228_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T063230_20230217T063232_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T063238_20230217T063240_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T063243_20230217T063338_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T063340_20230217T063346_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T063350_20230217T063351_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T063355_20230217T063400_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T063402_20230217T063410_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T063412_20230217T063421_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T063426_20230217T063456_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T063501_20230217T063608_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T063610_20230217T063628_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T063632_20230217T063634_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T063639_20230217T064008_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20230217T073104_20230217T073315_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T073336_20230217T073919_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T074141_20230217T080722_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T081111_20230217T081559_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T081614_20230217T081657_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T083258_20230217T083546_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T083548_20230217T083557_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T083848_20230217T084108_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T092029_20230217T094851_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T094855_20230217T094945_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T094949_20230217T094952_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T094954 20230217T094955 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T095001_20230217T095040_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T095053 20230217T095255 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T095329 20230217T095553 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T110927_20230217T111510_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T111629_20230217T112327_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T112511 20230217T112633 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T112904_20230217T112956_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T113010_20230217T113133_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T113559_20230217T113602_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T130144 20230217T130639 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T130716_20230217T130852_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T132805_20230217T132808_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T141147_20230217T141547_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T150639 20230217T150721 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T150726_20230217T150731_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T150733_20230217T150748_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T150751_20230217T150754_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T150758_20230217T150815_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T150817 20230217T150830 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T150833_20230217T150836_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T152550 20230217T152659 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T152703_20230217T153925_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T155049_20230217T155251_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T160126_20230217T161408_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T164557 20230217T164629 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T164631_20230217T164644_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T164657_20230217T164659_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T164701_20230217T164828_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T164830_20230217T164908_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T164911_20230217T165201_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T165543_20230217T170509_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 20230217T170511 20230217T170513 F001	Loss of echo	
CS_OFFL_SIR_LRM_1B_20230217T170511_20230217T170513_E001 CS_OFFL_SIR_LRM_1B_20230217T170749_20230217T172251_E001	Loss of echo Loss of echo	
CS_OFFL_SIR_LRM_1B_20230217T170749_20230217T172251_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T170749_20230217T172251_E001 CS_OFFL_SIR_LRM_1B_20230217T174220_20230217T174440_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_20230217T170749_20230217T172251_E001 CS_OFFL_SIR_LRM_1B_20230217T174220_20230217T174440_E001 CS_OFFL_SIR_LRM_1B_20230217T174444_20230217T174505_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
CS_OFFL_SIR_LRM_1B_20230217T170749_20230217T172251_E001 CS_OFFL_SIR_LRM_1B_20230217T174220_20230217T174440_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_20230217T175657_20230217T175737_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T175739 20230217T180001 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T180124 20230217T180835 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T182445 20230217T183009 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T183021 20230217T183023 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T183025 20230217T183046 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T183049 20230217T183100 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T183103 20230217T183104 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T183106 20230217T183108 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 202302177183110 202302177183326 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T183328 20230217T183352 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 202302177183656 202302177183815 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230217T190438 20230217T190900 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 202302177190921 202302177191101 E001		·
CS_OFFL_SIR_LRM_IB_20230217T191921_20230217T191101_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
		•
CS_OFFL_SIR_LRM_1B_20230217T193850_20230217T193935_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T193937_20230217T193939_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T193942_20230217T193942_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T193944_20230217T194012_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T194014_20230217T194109_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T194113_20230217T194957_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T200707_20230217T201136_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T204821_20230217T205146_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T214448_20230217T214950_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T215042_20230217T215229_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T215232_20230217T215843_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T215845_20230217T222110_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T222243_20230217T223053_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T223321_20230217T230823_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T230826_20230217T230827_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T232245_20230217T232332_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T232601_20230217T232910_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T232912_20230217T232952_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T233009_20230217T233043_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T233627_20230217T234121_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T234140_20230217T234515_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T234518_20230217T234626_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230217T234732_20230217T234946_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.

0

Number of products with errors:

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

0

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4

Product	Test Failed	Description
CS_OFFL_SIR_SAR_1B_20230216T235959_20230217T000046_E001	GIM ionspheric Correction Error	Errors with correction given in column on the left
CS_OFFL_SIR_SAR_1B_20230217T062121_20230217T062123_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	Errors with correction given in column on the left
CS_OFFL_SIR_SAR_1B_20230217T231003_20230217T231005_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	Errors with correction given in column on the left

CS_OFFL_SIR_SAR_1B_20230217T231038_20230217T231039_E001

Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag

Errors with correction given in column on the left

4.8 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag 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 Applied 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_20230217T193942_20230217T193942_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

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 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 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.

Sea State Bias error: This flag is currently set in all L2 LRM products over ocean, indicating a problem with the sea state bias Due to a known anomaly, the sea state bias field is currently unfilled in all Baseline-E L2 LRM products. This anomaly will be resolved in the next IPF update.

Snow Depth Model error: This flag is currently set in all L2 SAR products over ocean, which fall outside of the extent of the current snow depth model. Currently the snow depth model is only availlable over the high-latitude Arctic. There is no model currently provided for the Antarctic or marginal Arctic regions. An updated model will be provided in the next IPF update.

Number of products with errors: 107

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220230217T140844_20230217T141130_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_SAR_220230216T235959_20230217T000046_E001	GIM Ionospheric corr, Snow depth model	#N/A
CS_OFFL_SIR_SAR_2_20230217T001124_20230217T001221_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T001430_20230217T001758_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T002002_20230217T002339_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T005129_20230217T005137_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T010119_20230217T010326_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T013822_20230217T013933_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T014804_20230217T015225_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T015233_20230217T020247_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T022540_20230217T022838_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T022948_20230217T023225_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T024242_20230217T024400_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T030100_20230217T030129_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T030438_20230217T030615_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T031329_20230217T031751_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T031753_20230217T031818_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T033236_20230217T033316_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T035119_20230217T035230_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model

CS OFFL SIR SAR 2 20230217T040615 20230217T041148 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230217T043846_20230217T044047_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230217T051129_20230217T051542_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230217T051609_20230217T051804_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230217T061752_20230217T061922_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230217T061924_20230217T062120_E001	Snow depth model Dry tropospneric corr, wet tropospneric	falls outside of the extent of the current snow depth model There is an error with the values of the correction error flags on the left, for
CS_OFFL_SIR_SAR_2_20230217T062121_20230217T062123_E001	corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid	one or more records. There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230217T062125_20230217T062506_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230217T062508_20230217T062551_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230217T062553_20230217T062608_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T065127_20230217T065139_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T065217_20230217T065429_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T072838_20230217T072914_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T090718_20230217T090847_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T095040_20230217T095052_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T095553_20230217T095827_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T095845_20230217T100836_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T104624_20230217T104850_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T105917_20230217T105925_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T110547_20230217T110927_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T112634_20230217T112708_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T113240_20230217T113559_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T113835_20230217T113921_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T114914_20230217T114958_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T115003_20230217T115012_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T115148_20230217T115156_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T122615_20230217T122810_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T123808_20230217T123823_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T130640_20230217T130715_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T130852_20230217T131155_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T131155_20230217T131858_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T132809_20230217T133007_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20230217T135158 20230217T135302 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230217T140402_20230217T140523_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230217T141131_20230217T141137_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230217T141145 20230217T141147 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230217T141655 20230217T141742 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230217T144647_20230217T144701_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230217T145411 20230217T145442 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230217T145442_20230217T145446_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230217T150842 20230217T150855 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	·	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230217T150859_20230217T150900_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230217T150905_20230217T150917_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230217T150920_20230217T151258_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230217T152109_20230217T152549_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230217T153926_20230217T153933_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230217T155030_20230217T155036_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230217T155043_20230217T155049_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230217T155441_20230217T155927_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230217T155927_20230217T160126_E001	Snow depth model	falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_220230217T161408_20230217T161622_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T162809_20230217T163103_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T163226_20230217T163605_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T170514_20230217T170749_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T172942_20230217T172949_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T173911_20230217T173937_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T173953_20230217T174135_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T174141_20230217T174205_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T174208_20230217T174219_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T180958_20230217T181212_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T181238_20230217T181259_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T183009_20230217T183021_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T183816_20230217T183857_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T183859_20230217T184144_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T184223_20230217T184438_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T191409_20230217T191459_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T205304_20230217T205407_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T212223_20230217T212347_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T214327_20230217T214448_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T214951_20230217T215042_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T222110_20230217T222119_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T223208_20230217T223321_E001	Snow depth model Dry tropospneric corr, wet tropospneric	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T231003_20230217T231005_E001	corr, Inverse barometric corr, Dynamic atm corr, Model Jonospheric corr, Solid	There is an error with the values of the correction error flags on the left, for one or more records.
CS_OFFL_SIR_SAR_220230217T231006_20230217T231012_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T231014_20230217T231037_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T231837_20230217T232146_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230217T232333_20230217T232410_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T232533_20230217T232601_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T233259_20230217T233320_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230217T234947_20230217T235207_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SIN_2_20230217T005810_20230217T010118_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230217T023225_20230217T023510_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230217T023714_20230217T024242_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230217T041149_20230217T041424_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230217T104850_20230217T105225_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230217T122811_20230217T123130_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230217T155251_20230217T155440_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230217T173122_20230217T173813_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a quality flag 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.

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.

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.

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.

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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_2_20230217T001221_20230217T001317_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

Copy Bigs Part Copy B	CS OFFL SIR LRM 2 20230217T003146 20230217T005128 E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
RECORD SET	CS_OFFL_SIR_LRM_2_20230217T010326_20230217T013822_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error
OR, OFFL SHI LIMIN 2. 200300-TTRONGS (20040-TTOOMS). DOI: 10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	CS_OFFL_SIR_LRM_2_20230217T020247_20230217T020708_E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
COUNT_SRI_UNI_2_SERVICT TREADSACCESST_TOOMSEDIT COUNT_SRI_UNI_2_SERVICT TREADSACCESST_TOOMSEDIT_ COUNT_SRI_UNI_2_SERVICT TREADS	CS_OFFL_SIR_LRM_220230217T020804_20230217T022540_E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
INCOMPLIANT_PAGE_NOTE TRANSPERS ADMINISTRATION OF PRESENT OF PRESE	CS_OFFL_SIR_LRM_2_20230217T022838_20230217T022948_E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
SOUTH JERN J. PROSEST TROBOGY 2000017103010 FOOT Plantack CP, Neight From Plantack CP, Neight Fr	CS_OFFL_SIR_LRM_2_20230217T024401_20230217T030000_E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Co. CPFL_SIR_LEN_2_20200217000015_20202217000015_202002170000015_20200217000015_20200217000015_20200217000015_20200217000015_20200217000015_20200217000015_20200217000015_20200217000015_20200217000015_20200217000015_20200217000015_20200217000015_20200217000015_20200217000015_20200217000015_20200217000015_202002170000015_202002170000015_2020000015_202000000000000000000	CS OFFL SIR LRM 2 20230217T030002 20230217T030100 E001	Height Error (Retracker 2), Height Error	There is a height and backscatter error for Retracker 2 and a height error
Select Sill Links 2 202008177003816 202021770318 E001 Select Sill Links 2 20200817003816 202021770318 E001 Select Sill Links 2 20200817003816 202021770318 E001 Select Sill Links 2 20200817003816 2020217703816 E001 Select Sill Links 2 20200877003816 2020217703816 E001 Select Sill Links 2 20200877703816 E001 Select Sill Links 2 20200877703816 E00200877703817 E001 Select Sill Links 2 20200877703816 E00200877703816 E001 Select Sill Links 2 20200877713816 E00200877703816 E001 Select Sill Lin	CS OFFL SIR LRM 2 20230217T030130 20230217T030437 E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Section (Percentar 7), Badecated Percentar 7,		Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Seg. OFFL_SIR_LEM_2_0000017106549_200002171045061_E001 English (Fernoliter 2), Backscatter farm for Pleasable 2 and a height error for Remarker 2 and a height error form for Remarker 3 and a height error form for Remarker 3 and a height error form for Remarker 2 and a height error form for Remarker 3 and a height error form form form form form form form		Height Error (Retracker 2), Backscatter	
CS_OFFL_SIR_LPM_2_0220217T042058_020217T042058_D020		,	
CS_OFFL_SIR_LEM_2_2020217T042012_2020217T042015_ED01 CS_OFFL_SIR_LEM_2_2020217T051002_2020217T051002_ED01 CS_OFFL_SIR_LEM_2_2020217T062017_202032_ED01 CS_OFFL_SIR_LEM_2_20202017T062032_ED01 CS_OFFL_SIR_LEM_2_20202017T1062032_ED01 CS_OFFL_SIR_LEM_2_20202017T106	CS_OFFL_SIR_LRM_2_20230217T035401_20230217T040614_E001	Error (Retracker 2)	records
Error (Retractive 2) Scropellus Links 2, 202002171051806, 20200217106792 E001 Enror (Retractive 2), Backscatter error for Retractive 2 for one or more records. Scropellus Links 2, 202002171052012 202002171067782 E001 Enror (Retractive 2), Backscatter error for Retractive 2 or one or more records. CS_OFFL_SIR_LINK_2, 202002171053014, 202002171060792 E001 Enror (Retractive 2), Backscatter error for Retractive 3 or Retractive 3), Backscatter error for Retractive 3 or Ret	CS_OFFL_SIR_LRM_220230217T042306_20230217T043845_E001	(Retracker 3), Backscatter Error	
Error (Retracker 2) Height Error (Retracker 2) H	CS_OFFL_SIR_LRM_220230217T044047_20230217T045011_E001		
Enror (Retracker 2) Enror	CS_OFFL_SIR_LRM_220230217T051805_20230217T052914_E001		
GS_OFFL_SIR_LRM_2_20230217108384_202302171084109_E001 CS_OFFL_SIR_LRM_2_202302171083848_202302171084109_E001 CS_OFFL_SIR_LRM_2_202302171083848_202302171084109_E001 CS_OFFL_SIR_LRM_2_202302171083848_202302171084109_E001 CS_OFFL_SIR_LRM_2_202302171083848_202302171084109_E001 CS_OFFL_SIR_LRM_2_2023021710830209_20230217094151_E001 CS_OFFL_SIR_LRM_2_202302171080209_202302171084851_E001 CS_OFFL_SIR_LRM_2_2023021710300_20230217104851_E001 CS_OFFL_SIR_LRM_2_2023021710300_20230217104851_E001 CS_OFFL_SIR_LRM_2_2023021710300_20230217104694_E001 CS_OFFL_SIR_LRM_2_20230217113511_202302177104694_E001 CS_OFFL_SIR_LRM_2_20230217113511_202302177104694_E001 CS_OFFL_SIR_LRM_2_20230217113511_202302177112633_E001 CS_OFFL_SIR_LRM_2_202302177113513_202302177132840_E001 CS_OFFL_SIR_LRM_2_202302177113515_202302177132864_E001 CS_OFFL_SIR_LRM_2_20230217713864_2030017712688_E001 CS_OFFL_SIR_LRM_2_20230217713864_20300177132864_E001 CS_OFFL_SIR_LRM_2_20230217713869_E001 CS_OFFL_SIR_LRM_2_20230217713869_E001 CS_OFFL_SIR_LRM_2_20230217713869_E001 CS_OFFL_SIR_LRM_2_20230217713869_E001 CS_OFFL_SIR_LRM_2_20230217713869_E001 CS_OFFL_SIR_LRM_2_20230217713869_E001 CS_OFFL_SIR_LRM_2_20230217713869_E001 CS_OFFL_SIR_LRM_2_20230217713869_E001 CS_OFFL_SIR_LRM_2_202302177138706_20230217713888_E001 CS_OFFL_SIR_LRM_2_202302177138706_20230217713888_E001 CS_OFFL_SIR_LRM_2_2023021771387076_20230217713888_E001 CS_OFFL_SIR_LRM_2_2023021771387076_20230217713888_E001 CS_OFFL_SIR_LRM_2_2023021771387076_202302177138788_E001 CS_OFFL_SIR_LRM_2_2023021771387076_202302177138788_E001 CS_OFFL_SIR_LRM_2_2023021771387076_202302177138788_E001 CS_OFFL_SIR_LRM_2_2023021771387076_202302177138788_E001 CS_OFFL_SIR_LRM_2_2023021771387076_202302177138788_E001 CS_OFFL_SIR_LRM_2_2023021771387076_202302177138788_E001 CS_OFFL_SIR_LRM_2_2023021771387076_202302177138788_E001 CS_OFFL_SIR_LRM_2_2023021771397076_202302177138788_E001 CS_OFFL_SIR_LRM_2_2023021771397076_202302177138788_E001 CS_OFFL_SIR_LRM_2_2023021771397076_202302177138788_E001 CS_OFFL_	CS_OFFL_SIR_LRM_220230217T060217_20230217T061752_E001	Error (Retracker 2)	
CS_OFFL_SIR_LRM_2_20230217T08384S_20230217T084106_E001 CS_OFFL_SIR_LRM_2_20230217T08384S_20230217T080717_E001 CS_OFFL_SIR_LRM_2_20230217T080202_20230217T080717_E001 CS_OFFL_SIR_LRM_2_20230217T080202_20230217T080717_E001 CS_OFFL_SIR_LRM_2_20230217T1080202_20230217T080717_E001 CS_OFFL_SIR_LRM_2_20230217T1080202_20230217T080717_E001 CS_OFFL_SIR_LRM_2_20230217T1080202_20230217T080805_E001 CS_OFFL_SIR_LRM_2_20230217T112811_20230217T112833_E001 CS_OFFL_SIR_LRM_2_20230217T112811_20230217T112833_E001 CS_OFFL_SIR_LRM_2_20230217T113133_20230217T1128082_E001 CS_OFFL_SIR_LRM_2_20230217T113133_20230217T113883_E001 CS_OFFL_SIR_LRM_2_20230217T113133_20230217T138832_E001 CS_OFFL_SIR_LRM_2_20230217T130716_20230217T138832_E001 CS_OFFL_SIR_LRM_2_20230217T130716_20230217T130852_E001 CS_OFFL_SIR_LRM_2_20230217T130716_20230217T130852_E001 CS_OFFL_SIR_LRM_2_20230217T130716_20230217T135184_E001 CS_OFFL_SIR_LRM_2_20230217T135002_20230217T135184_E001 CS_OFFL_SIR_LRM_2_20230217T135002_20230217T145411_E001 CS_OFFL_SIR_LRM_2_20230217T145002_20230217T145411_E001 CS_OFFL_SIR_LRM_2_20230217T145002_20230217T145411_E001 CS_OFFL_SIR_LRM_2_20230217T145002_20230217T145411_E001 CS_OFFL_SIR_LRM_2_20230217T145002_20230217T145411_E001 CS_OFFL_SIR_LRM_2_20230217T145002_20230217T145411_E001 CS_OFFL_SIR_LRM_2_20230217T145002_20230217T145411_E001 CS_OFFL_SIR_LRM_2_20230217	CS_OFFL_SIR_LRM_220230217T065539_20230217T072838_E001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20230217T083948_20230217T09410E_ED01 CS_OFFL_SIR_LRM_2_20230217T084110_20230217T094851_ED01 CS_OFFL_SIR_LRM_2_20230217T092029_20230217T094851_ED01 CS_OFFL_SIR_LRM_2_20230217T092029_20230217T094851_ED01 CS_OFFL_SIR_LRM_2_20230217T101300_20230217T104624_ED01 CS_OFFL_SIR_LRM_2_20230217T101300_20230217T104624_ED01 CS_OFFL_SIR_LRM_2_20230217T1101300_20230217T104624_ED01 CS_OFFL_SIR_LRM_2_20230217T1101300_20230217T104624_ED01 CS_OFFL_SIR_LRM_2_20230217T112511_20230217T112533_ED01 CS_OFFL_SIR_LRM_2_20230217T112511_20230217T112530_ED01 CS_OFFL_SIR_LRM_2_20230217T113133_20230217T11264_ED01 CS_OFFL_SIR_LRM_2_20230217T113132_20230217T11264_ED01 CS_OFFL_SIR_LRM_2_20230217T13130_ED030217T12664_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T12664_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T12664_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T12664_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T12664_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T12664_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T130659_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T130659_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T130659_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T130659_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T130659_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T130659_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T130659_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T130669_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T130669_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T130669_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T130669_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T13066_ED01 CS_OFFL_SIR_LRM_2_20230217T130764_ED030217T130669_ED01 CS_OFFL_SIR_LRM_2_20230217T130766_ED030217T130669_ED01 CS_OFFL_SIR_LRM_2_20230217T130766_ED030217T130669_ED01 CS_OFFL_SIR_LRM_2_20230217T130766_ED030217T130669_ED01 CS_OFFL_SIR_LRM_2_20230217T130766_ED030217T130669_ED01 CS_OFFL_SIR_LRM_2_20230217T130766_ED01 CS_OFFL_SIR_LRM_2_20230217T130766_ED01 CS_OFFL_SIR_LR	CS_OFFL_SIR_LRM_220230217T074141_20230217T080722_E001		
Error (Retracker 2). Height Error (Retracker 2). Height Error (Retracker 3) as height and backscatter error for Retracker 2 and a height error (Retracker 3). Backscatter Error (Retracker 3) as height and backscatter error for Retracker 2 and a height error (Retracker 3). Backscatter Error (Retracker 3) as height and backscatter error for Retracker 2 and a height error (Retracker 3). Backscatter Error (Retracker 3) as height and backscatter error for Retracker 2 and a height error (Retracker 3). Backscatter Error (Retracker 3) as height and backscatter error for Retracker 2 and a height error (Retracker 3). Backscatter Error (Retracker 2). Backscatter E	CS_OFFL_SIR_LRM_2_20230217T083848_20230217T084108_E001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20230217T10309_20230217T104624_E001 CS_OFFL_SIR_LRM_2_20230217T10309_20230217T104624_E001 CS_OFFL_SIR_LRM_2_20230217T112511_20230217T112633_E001 CS_OFFL_SIR_LRM_2_20230217T112511_20230217T112633_E001 CS_OFFL_SIR_LRM_2_20230217T113131_20230217T112633_E001 CS_OFFL_SIR_LRM_2_20230217T113132_20230217T113240_E001 End for fletracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backsc	CS_OFFL_SIR_LRM_2_20230217T084110_20230217T090717_E001		
(Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) and a reight error (Retracker 2) and a reight error (Retracker 3) and a reight error for Retracker 3 for one or more records There is a neight and backscatter error for Retracker 2 for one or more records There is a neight and backscatter error for Retracker 2 for one or more records There is a neight and backscatter error for Retracker 2 for one or more records There is a neight and backscatter error for Retracker 2 for one or more records There is a neight and backscatter error for Retracker 2 for one	CS_OFFL_SIR_LRM_220230217T092029_20230217T094851_E001	(Retracker 3), Backscatter Error	
GS_OFFL_SIR_LRM_2_20230217T112511_20230217T112633_E001 (Retracker 3). Backscatter Error (Retracker 2) to refer so a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20230217T113133_20230217T125828_E001 CS_OFFL_SIR_LRM_2_20230217T123824_20230217T125828_E001 CS_OFFL_SIR_LRM_2_20230217T130144_20230217T130639_E001 CS_OFFL_SIR_LRM_2_20230217T130144_20230217T130639_E001 CS_OFFL_SIR_LRM_2_20230217T13016_20230217T130652_E001 CS_OFFL_SIR_LRM_2_20230217T13007_20230217T130552_E001 CS_OFFL_SIR_LRM_2_20230217T13007_20230217T130552_E001 CS_OFFL_SIR_LRM_2_20230217T13007_20230217T140402_E001 CS_OFFL_SIR_LRM_2_20230217T13502_20230217T140402_E001 CS_OFFL_SIR_LRM_2_20230217T1474702_20230217T144646_E001 CS_OFFL_SIR_LRM_2_20230217T141743_20230217T144646_E001 CS_OFFL_SIR_LRM_2_20230217T1558_20230217T145511_E001 CS_OFFL_SIR_LRM_2_20230217T1558_20230217T152108_E001 CS_OFFL_SIR_LRM_2_20230217T1558_20230217T155256_E003017T155256_E001 CS_OFFL_SIR_LRM_2_20230217T15556_20230217T155256_E001 CS_OFFL_SIR_LRM_2_20230217T155256_20230217T155256_E001 CS_OFFL_SIR_LRM_2_20230217T155256_20230217T155256_E001 CS_OFFL_SIR_LRM_2_20230217T155256_20230217T155256_E001 CS_OFFL_SIR_LRM_2_20230217T155256_20230217T155256_E001 CS_OFFL_SIR_LRM_2_20230217T155256_20230217T155256_E001 CS_OFFL_SIR_LRM_2_20230217T155256_20230217T155256_E001 CS_OFFL_SIR_LRM_2_20230217T155256_20230217T155256_E001 CS_OFFL_SIR_LRM_2_20230217T152556_20230217T155256_E001 CS_OFFL_SIR_LRM_2_20230217T155256_20230217T155256_E001 CS_OFFL_SIR_LRM_2_20230217T155256_E0030217T155256_E001 CS_OFFL_SIR_LRM_2_20230217T155256_E0030217T155265_E001 CS_OFFL_SIR_LRM_2_20230217T155256_E0030217T155265_E001 CS_OFFL_SIR_LRM_2_20230217T155256_E0030217T155265_E001 CS_OFFL_SIR_LRM_2_20230217T155256_E0030217T155265_E001 CS_OFFL_SIR_LRM_2_20230217T155256_E0030217T155265_E001 CS_OFFL_SIR_LRM_2_20230217T152556_E0030217T155265_E001 CS_OFFL_SIR_LRM_2_20230217T155256_E003	CS_OFFL_SIR_LRM_220230217T101309_20230217T104624_E001	(Retracker 3), Backscatter Error	
Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20230217T115157_20230217T125828_E001	CS_OFFL_SIR_LRM_220230217T112511_20230217T112633_E001	(Retracker 3), Backscatter Error	
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20230217T123824_20230217T125828_E001 CS_OFFL_SIR_LRM_2_20230217T130144_20230217T130639_E001 CS_OFFL_SIR_LRM_2_20230217T130144_20230217T130639_E001 CS_OFFL_SIR_LRM_2_20230217T130716_20230217T130652_E001 CS_OFFL_SIR_LRM_2_20230217T13007_20230217T130052_E001 CS_OFFL_SIR_LRM_2_20230217T13007_20230217T135158_E001 CS_OFFL_SIR_LRM_2_20230217T135007_20230217T135158_E001 CS_OFFL_SIR_LRM_2_20230217T135007_20230217T140402_E001 CS_OFFL_SIR_LRM_2_20230217T135002_20230217T140402_E001 CS_OFFL_SIR_LRM_2_20230217T14743_20230217T144646_E001 CS_OFFL_SIR_LRM_2_20230217T1474702_20230217T145411_E001 CS_OFFL_SIR_LRM_2_20230217T14773_20230217T145411_E001 CS_OFFL_SIR_LRM_2_20230217T15258_20230217T145411_E001 Height Error (Retracker 2), Backscatter Error (CS_OFFL_SIR_LRM_220230217T113133_20230217T113240_E001		
Error (Retracker 2) Error (Retracker 2) Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3) for one or more records Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3 for one or more records Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3 for one or more records Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3 for one or more records Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retrack	CS_OFFL_SIR_LRM_2_20230217T115157_20230217T122614_E001		
CS_OFFL_SIR_LRM_2_20230217T130144_20230217T130639_E001 (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) and a height error (Retracker 2) and a height error (Retracker 2) and a height error (Retracker 2), Backscatter Error (Retracker	CS_OFFL_SIR_LRM_2_20230217T123824_20230217T125828_E001		
Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) and a height error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) for one or more records CS_OFFL_SIR_LRM_2_20230217T135302_20230217T140402_E001 CS_OFFL_SIR_LRM_2_20230217T141743_20230217T140402_E001 CS_OFFL_SIR_LRM_2_20230217T141743_20230217T144646_E001 CS_OFFL_SIR_LRM_2_20230217T141743_20230217T144646_E001 CS_OFFL_SIR_LRM_2_20230217T144702_20230217T145411_E001 CS_OFFL_SIR_LRM_2_20230217T15258_20230217T152108_E001 CS_OFFL_SIR_LRM_2_20230217T15250_20230217T152659_E001 Height Error (Retracker 2), Backscatter Error (Retrac	CS_OFFL_SIR_LRM_220230217T130144_20230217T130639_E001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20230217T133007_20230217T135158_E001 CS_OFFL_SIR_LRM_2_20230217T135302_20230217T140402_E001 CS_OFFL_SIR_LRM_2_20230217T14743_20230217T140402_E001 CS_OFFL_SIR_LRM_2_20230217T141743_20230217T144646_E001 CS_OFFL_SIR_LRM_2_20230217T141743_20230217T144646_E001 CS_OFFL_SIR_LRM_2_20230217T144702_20230217T145411_E001 CS_OFFL_SIR_LRM_2_20230217T15258_20230217T152108_E001 CS_OFFL_SIR_LRM_2_20230217T152550_20230217T152659_E001 CS_OFFL_SIR_LRM_2_20230217T152703_20230217T152555_E001 CS_OFFL_SIR_LRM_2_20230217T152703_20230217T152555_E001 CS_OFFL_SIR_LRM_2_20230217T152703_20230217T152395_E001 CS_OFFL_SIR_LRM_2_20230217T152703_20230217T153925_E001	CS_OFFL_SIR_LRM_220230217T130716_20230217T130852_E001		
Height Error (Retracker 2), Backscatter Error (Retracker 2), Backs	CS_OFFL_SIR_LRM_2_20230217T133007_20230217T135158_E001	(Retracker 3), Backscatter Error	
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20230217T144702_20230217T145411_E001 Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable CS_OFFL_SIR_LRM_2_20230217T152550_20230217T152659_E001 Error (Retracker 2), Backscatter Error (Retracker	CS_OFFL_SIR_LRM_2_20230217T135302_20230217T140402_E001	Height Error (Retracker 2), Backscatter	· ·
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20230217T15258_20230217T152108_E001 Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable CS_OFFL_SIR_LRM_2_20230217T152550_20230217T152659_E001 Error (Retracker 2), Backscatter Error (Retracker 2	CS_OFFL_SIR_LRM_2_20230217T141743_20230217T144646_E001		
CS_OFFL_SIR_LRM_2_20230217T151258_20230217T152108_E001 Error (Retracker 2), Surface model unavailable Height Error (Retracker 2), Backscatter Error for Retracker 2 and no DEM of Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 and no DEM of Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_2_20230217T144702_20230217T145411_E001		
Error (Retracker 2) records CS_OFFL_SIR_LRM_2_202302171152550_202302171152659_E001 Error (Retracker 2) records Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more	CS_OFFL_SIR_LRM_2_20230217T151258_20230217T152108_E001	Error (Retracker 2), Surface model	
	CS_OFFL_SIR_LRM_2_20230217T152550_20230217T152659_E001		· ·
	CS_OFFL_SIR_LRM_220230217T152703_20230217T153925_E001		

CS_OFFL_SIR_LRM_220230217T160126_20230217T161408_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_220230217T161622_20230217T162809_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_220230217T165543_20230217T170509_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_220230217T170749_20230217T172251_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_220230217T174847_20230217T174951_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_220230217T175657_20230217T175737_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230217T175739_20230217T180001_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_20230217T180124_20230217T180835_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_220230217T182445_20230217T183009_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230217T183328_20230217T183352_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230217T184438_20230217T190155_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_220230217T191459_20230217T193848_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_220230217T201534_20230217T204137_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_220230217T205408_20230217T212222_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_220230217T212348_20230217T212707_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_220230217T215232_20230217T215843_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_220230217T215845_20230217T222110_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_220230217T223321_20230217T230823_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_220230217T223321_20230217T230823_E001 CS_OFFL_SIR_LRM_220230217T230826_20230217T230827_E001	(Retracker 3), Backscatter Error	Retracker 3 and no DEM or Slope Model was used for the location of one
	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230217T230826_20230217T230827_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Surface Model Unavailable Height Error (Retracker 2), Backscatter	Retracker 3 and no DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220230217T230826_20230217T230827_E001 CS_OFFL_SIR_LRM_220230217T232146_20230217T232236_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	Retracker 3 and no DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20230217T230826_20230217T230827_E001 CS_OFFL_SIR_LRM_2_20230217T232146_20230217T232236_E001 CS_OFFL_SIR_LRM_2_20230217T233009_20230217T233043_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error	Retracker 3 and no DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_2_20230217T230826_20230217T230827_E001 CS_OFFL_SIR_LRM_2_20230217T232146_20230217T232236_E001 CS_OFFL_SIR_LRM_2_20230217T233009_20230217T233043_E001 CS_OFFL_SIR_LRM_2_20230217T233211_20230217T233227_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Backscatter Error (Retracker 2),	Retracker 3 and no DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records 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_20230217T230826_20230217T230827_E001 CS_OFFL_SIR_LRM_2_20230217T232146_20230217T232236_E001 CS_OFFL_SIR_LRM_2_20230217T233009_20230217T233043_E001 CS_OFFL_SIR_LRM_2_20230217T233211_20230217T233227_E001 CS_OFFL_SIR_LRM_2_20230216T235959_20230217T000046_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	Retracker 3 and no DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20230217T230826_20230217T230827_E001 CS_OFFL_SIR_LRM_2_20230217T232146_20230217T232236_E001 CS_OFFL_SIR_LRM_2_20230217T233009_20230217T233043_E001 CS_OFFL_SIR_LRM_2_20230217T233211_20230217T233227_E001 CS_OFFL_SIR_SAR_2_20230216T235959_20230217T000046_E001 CS_OFFL_SIR_SAR_2_20230217T000113_20230217T000905_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	Retracker 3 and no DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_LRM_2_20230217T230826_20230217T230827_E001 CS_OFFL_SIR_LRM_2_20230217T232146_20230217T232236_E001 CS_OFFL_SIR_LRM_2_20230217T233009_20230217T233043_E001 CS_OFFL_SIR_LRM_2_20230217T233211_20230217T233227_E001 CS_OFFL_SIR_SAR_2_20230216T235959_20230217T000046_E001 CS_OFFL_SIR_SAR_2_20230217T000113_20230217T000905_E001 CS_OFFL_SIR_SAR_2_20230217T000905_20230217T001028_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	Retracker 3 and no DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_LRM_2_20230217T230826_20230217T230827_E001 CS_OFFL_SIR_LRM_2_20230217T232146_20230217T232236_E001 CS_OFFL_SIR_LRM_2_20230217T233009_20230217T233043_E001 CS_OFFL_SIR_LRM_2_20230217T233211_20230217T233227_E001 CS_OFFL_SIR_SAR_2_20230216T235959_20230217T000046_E001 CS_OFFL_SIR_SAR_2_20230217T000113_20230217T000905_E001 CS_OFFL_SIR_SAR_2_20230217T000905_20230217T001028_E001 CS_OFFL_SIR_SAR_2_20230217T0001051_20230217T001101_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	Retracker 3 and no DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_LRM_2_20230217T230826_20230217T230827_E001 CS_OFFL_SIR_LRM_2_20230217T232146_20230217T232236_E001 CS_OFFL_SIR_LRM_2_20230217T233009_20230217T233043_E001 CS_OFFL_SIR_LRM_2_20230217T233211_20230217T233227_E001 CS_OFFL_SIR_SAR_2_20230216T235959_20230217T000046_E001 CS_OFFL_SIR_SAR_2_20230217T000113_20230217T000905_E001 CS_OFFL_SIR_SAR_2_20230217T000905_20230217T001028_E001 CS_OFFL_SIR_SAR_2_20230217T001051_20230217T001101_E001 CS_OFFL_SIR_SAR_2_20230217T001124_20230217T0011221_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3)	Retracker 3 and no DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_LRM_2_20230217T230826_20230217T230827_E001 CS_OFFL_SIR_LRM_2_20230217T232146_20230217T232236_E001 CS_OFFL_SIR_LRM_2_20230217T233009_20230217T233043_E001 CS_OFFL_SIR_LRM_2_20230217T233211_20230217T233227_E001 CS_OFFL_SIR_SAR_2_20230216T235959_20230217T000046_E001 CS_OFFL_SIR_SAR_2_20230217T000113_20230217T000905_E001 CS_OFFL_SIR_SAR_2_20230217T000905_20230217T001028_E001 CS_OFFL_SIR_SAR_2_20230217T001051_20230217T001101_E001 CS_OFFL_SIR_SAR_2_20230217T001124_20230217T001221_E001 CS_OFFL_SIR_SAR_2_20230217T001124_20230217T001758_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	Retracker 3 and no DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_LRM_2_20230217T230826_20230217T230827_E001 CS_OFFL_SIR_LRM_2_20230217T232146_20230217T232236_E001 CS_OFFL_SIR_LRM_2_20230217T233009_20230217T233043_E001 CS_OFFL_SIR_LRM_2_20230217T233211_20230217T233227_E001 CS_OFFL_SIR_SAR_2_20230216T235959_20230217T000046_E001 CS_OFFL_SIR_SAR_2_20230217T000113_20230217T000905_E001 CS_OFFL_SIR_SAR_2_20230217T000905_20230217T001028_E001 CS_OFFL_SIR_SAR_2_20230217T001051_20230217T001101_E001 CS_OFFL_SIR_SAR_2_20230217T001124_20230217T0011221_E001 CS_OFFL_SIR_SAR_2_20230217T001430_20230217T001758_E001 CS_OFFL_SIR_SAR_2_20230217T001430_20230217T001758_E001 CS_OFFL_SIR_SAR_2_20230217T00102002_20230217T002339_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	Retracker 3 and no DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_LRM_2_20230217T230826_20230217T230827_E001 CS_OFFL_SIR_LRM_2_20230217T232146_20230217T232236_E001 CS_OFFL_SIR_LRM_2_20230217T233009_20230217T233043_E001 CS_OFFL_SIR_LRM_2_20230217T233211_20230217T233227_E001 CS_OFFL_SIR_SAR_2_20230216T235959_20230217T000046_E001 CS_OFFL_SIR_SAR_2_20230217T000113_20230217T000905_E001 CS_OFFL_SIR_SAR_2_20230217T000905_20230217T001028_E001 CS_OFFL_SIR_SAR_2_20230217T001051_20230217T001101_E001 CS_OFFL_SIR_SAR_2_20230217T001124_20230217T0011221_E001 CS_OFFL_SIR_SAR_2_20230217T0011430_20230217T001758_E001 CS_OFFL_SIR_SAR_2_20230217T001430_20230217T002339_E001 CS_OFFL_SIR_SAR_2_20230217T002002_20230217T002339_E001 CS_OFFL_SIR_SAR_2_20230217T005129_20230217T005137_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	Retracker 3 and no DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_LRM_2_20230217T230826_20230217T230827_E001 CS_OFFL_SIR_LRM_2_20230217T232146_20230217T232236_E001 CS_OFFL_SIR_LRM_2_20230217T233009_20230217T233043_E001 CS_OFFL_SIR_LRM_2_20230217T233211_20230217T233227_E001 CS_OFFL_SIR_SAR_2_20230216T235959_20230217T000046_E001 CS_OFFL_SIR_SAR_2_20230217T000113_20230217T000905_E001 CS_OFFL_SIR_SAR_2_20230217T000905_20230217T001028_E001 CS_OFFL_SIR_SAR_2_20230217T001051_20230217T001101_E001 CS_OFFL_SIR_SAR_2_20230217T001124_20230217T0011221_E001 CS_OFFL_SIR_SAR_2_20230217T001430_20230217T001758_E001 CS_OFFL_SIR_SAR_2_20230217T001430_20230217T002339_E001 CS_OFFL_SIR_SAR_2_20230217T005129_20230217T005137_E001 CS_OFFL_SIR_SAR_2_20230217T005129_20230217T005137_E001 CS_OFFL_SIR_SAR_2_20230217T00119_20230217T010326_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	Retracker 3 and no DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_LRM_2_20230217T230826_20230217T230827_E001 CS_OFFL_SIR_LRM_2_20230217T232146_20230217T232236_E001 CS_OFFL_SIR_LRM_2_20230217T233009_20230217T233043_E001 CS_OFFL_SIR_LRM_2_20230217T233211_20230217T233227_E001 CS_OFFL_SIR_SAR_2_20230216T235959_20230217T000046_E001 CS_OFFL_SIR_SAR_2_20230217T000113_20230217T000905_E001 CS_OFFL_SIR_SAR_2_20230217T000905_20230217T001028_E001 CS_OFFL_SIR_SAR_2_20230217T001051_20230217T001101_E001 CS_OFFL_SIR_SAR_2_20230217T001124_20230217T0011221_E001 CS_OFFL_SIR_SAR_2_20230217T001430_20230217T001758_E001 CS_OFFL_SIR_SAR_2_20230217T001430_20230217T002339_E001 CS_OFFL_SIR_SAR_2_20230217T005129_20230217T005137_E001 CS_OFFL_SIR_SAR_2_20230217T005129_20230217T005137_E001 CS_OFFL_SIR_SAR_2_20230217T01119_20230217T010326_E001 CS_OFFL_SIR_SAR_2_20230217T01119_20230217T010326_E001	(Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3)	Retracker 3 and no DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220230217T015233_20230217T020247_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T022540_20230217T022838_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T022948_20230217T023225_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T024242_20230217T024400_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T030100_20230217T030129_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T030438_20230217T030615_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T031329_20230217T031751_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T032049_20230217T032207_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T032239_20230217T032658_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T032658_20230217T032808_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T033236_20230217T0333316_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T035119_20230217T035230_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T040615_20230217T041148_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T043846_20230217T044047_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T050034_20230217T050322_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T050322_20230217T050710_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T051129_20230217T051542_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T051609_20230217T051804_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T061752_20230217T061922_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T061924_20230217T062120_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T062125_20230217T062506_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T064009_20230217T064629_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T065127_20230217T065139_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T065217_20230217T065429_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T072838_20230217T072914_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T081747_20230217T082006_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T082023_20230217T082119_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T082154_20230217T082633_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T090718_20230217T090847_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T095553_20230217T095827_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T095845_20230217T100836_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T104624_20230217T104850_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T105917_20230217T105925_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T110547_20230217T110927_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20230217T112634_20230217T112708_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_220230217T113240_20230217T113559_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T113835_20230217T113921_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T113948_20230217T114736_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T115148_20230217T115156_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T122615_20230217T122810_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T123808_20230217T123823_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T130640_20230217T130715_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T130852_20230217T131155_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T131155_20230217T131858_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T132012_20230217T132733_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T132809_20230217T133007_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T135158_20230217T135302_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T140402_20230217T140523_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T141655_20230217T141742_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T144647_20230217T144701_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T145411_20230217T145442_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T145442_20230217T145446_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T145926_20230217T150639_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T150920_20230217T151258_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T152109_20230217T152549_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T153926_20230217T153933_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T155441_20230217T155927_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T155927_20230217T160126_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T161408_20230217T161622_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T162809_20230217T163103_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T163226_20230217T163605_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T163841_20230217T164528_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T170514_20230217T170749_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T173911_20230217T173937_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T173953_20230217T174135_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T174141_20230217T174205_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T180958_20230217T181212_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230217T181238_20230217T181259_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

00.0551.010.040.0.00000477404784.00000477400040.5004	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T181724_20230217T182313_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_2_20230217T182316_20230217T182445_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T183859_20230217T184144_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T184223_20230217T184438_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T191409_20230217T191459_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T195547_20230217T200428_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T205304_20230217T205407_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T212223_20230217T212347_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T213241_20230217T214019_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T214038_20230217T214151_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T214244_20230217T214304_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T214327_20230217T214448_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T222110_20230217T222119_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T223208_20230217T223321_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T231214_20230217T231837_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T231837_20230217T232146_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T232533_20230217T232601_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T233259_20230217T233320_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230217T234947_20230217T235207_E001	Backscatter Error (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_220230216T235919_20230216T235959_E001	Backscatter Error (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_220230217T000047_20230217T000113_E001	Backscatter Error (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_220230217T001028_20230217T001051_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_20230217T001102_20230217T001124_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_20230217T001317_20230217T001425_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_220230217T001913_20230217T001958_E001	Backscatter Error (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_220230217T003040_20230217T003145_E001	Backscatter Error (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_220230217T005137_20230217T005300_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_220230217T005810_20230217T010118_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_220230217T023225_20230217T023510_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_220230217T023714_20230217T024242_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_220230217T032207_20230217T032238_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_220230217T032808_20230217T033236_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_20230217T041149_20230217T041424_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_20230217T041624_20230217T041737_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230217T042126_20230217T042306_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_20230217T045011_20230217T045310_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_20230217T050710_20230217T050820_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_20230217T050937_20230217T051129_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_20230217T052932_20230217T054524_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_20230217T054653_20230217T054711_E001	Backscatter Error (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_20230217T054910_20230217T055216_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_220230217T055216_20230217T055235_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230217T060029_20230217T060216_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_20230217T062721_20230217T063118_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_20230217T064630_20230217T065126_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_20230217T065139_20230217T065216_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_20230217T072915_20230217T073104_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_20230217T073315_20230217T073336_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230217T073919_20230217T074141_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_20230217T080722_20230217T081110_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_220230217T082006_20230217T082022_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_20230217T082119_20230217T082153_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_220230217T082633_20230217T083054_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_220230217T090847_20230217T091027_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_220230217T091139_20230217T091314_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230217T091744_20230217T092029_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_20230217T100836_20230217T101308_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_220230217T104850_20230217T105225_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_220230217T105802_20230217T105917_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_220230217T112708_20230217T112903_E001	Backscatter Error (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_220230217T113602_20230217T113659_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_220230217T113921_20230217T113948_E001	Backscatter Error (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_220230217T114736_20230217T114914_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_20230217T115013_20230217T115148_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

00 0551 015 011 0 0000015140014 000001514040 504	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CS_OFFL_SIR_SIN_220230217T122811_20230217T123130_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 2),	was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230217T123643_20230217T123807_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_20230217T125828_20230217T130144_E001	Backscatter Error (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_220230217T131858_20230217T132012_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_220230217T140524_20230217T140844_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_20230217T141547_20230217T141655_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_20230217T145446_20230217T145556_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_20230217T145815_20230217T145926_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_20230217T154331_20230217T154511_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_20230217T155251_20230217T155440_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_20230217T163605_20230217T163841_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_20230217T165202_20230217T165542_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_20230217T172251_20230217T172437_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_20230217T173122_20230217T173813_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_220230217T173937_20230217T173953_E001	Backscatter Error (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_220230217T174505_20230217T174847_E001	Backscatter Error (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_220230217T174952_20230217T175536_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_20230217T180001_20230217T180123_E001	Backscatter Error (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_220230217T180835_20230217T180958_E001	Backscatter Error (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_20230217T181213_20230217T181238_E001	Backscatter Error (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_20230217T181259_20230217T181724_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_20230217T183352_20230217T183615_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_220230217T183615_20230217T183655_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_20230217T190156_20230217T190438_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_20230217T191101_20230217T191409_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_20230217T195159_20230217T195547_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_20230217T201137_20230217T201533_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_20230217T204138_20230217T204252_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_20230217T205146_20230217T205303_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_220230217T212708_20230217T213240_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_20230217T214020_20230217T214038_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_20230217T214152_20230217T214243_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_220230217T214305_20230217T214327_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_220230217T222120_20230217T222243_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_220230217T223053_20230217T223207_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_220230217T230828_20230217T231002_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_220230217T231039_20230217T231213_E001	Backscatter Error (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_220230217T232237_20230217T232245_E001	Backscatter Error (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_220230217T232410_20230217T232533_E001	Backscatter Error (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_220230217T233043_20230217T233204_E001	Backscatter Error (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_220230217T233227_20230217T233259_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records