

1. Overview

Report Production Date:	14-Feb-2023
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

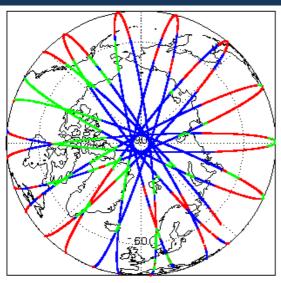
We would	love to hear	from vou	ı
We would	iove to near	non you	ı

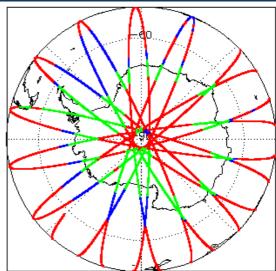
Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2_qc_team@telespazio.com

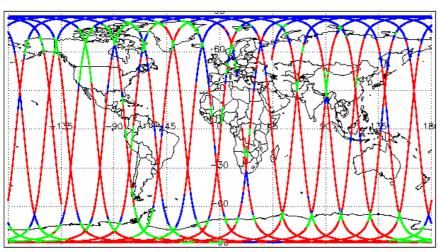
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	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

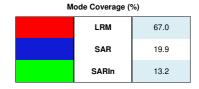
Mission / Instru	ment News
13-Jan-2023	None
14-Jan-2023	None
15-Jan-2023	Nothing planned

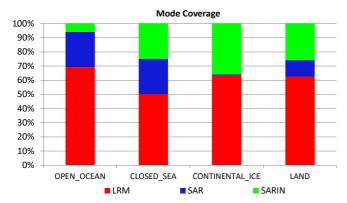
2. Global Coverage

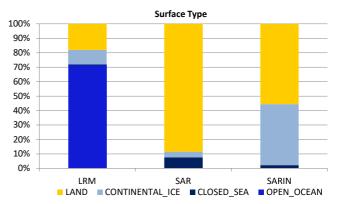












3. Instrument Configuration

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:

Not 0!

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:

100

CS OFFL SIR LINU 19 2020114700545 2020114700555 E001 Los of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 19 2020114700555 2020114700555 E001 Los of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 19 2020114700555 2020114700555 E001 Los of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 18 2020114700555 2020114700555 E001 Los of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 18 2020114700555 2020114700555 E001 Los of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 18 2020114700202 2020114700355 E001 Los of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 18 2020114700202 2020114700355 E001 Los of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 18 2020114700302 2020114700305 E001 Loss of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 18 2020114700305 2020114700305 E001 Loss of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 18 2020114700345 2020114700342 E001 Loss of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 18 2020114700345 2020114700342 E001 Loss of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 18 2020114700345 2020114700342 E001 Loss of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 18 2020114700345 2020114700342 E001 Loss of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 18 2020114700345 2020114700345 E001 Loss of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 18 2020114700345 2020114700345 E001 Loss of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 18 2020114700345 2020114700345 E001 Loss of echo The tracking actio is missing for one or more records CS OFFL SIR LINU 18 2020114700345 2020114700345 E001 Loss of echo The tracking actio is missing for one or more records CS OFFL SIR L	Product	Test Failed	Description
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Content	CS_OFFL_SIR_LRM_1B_20230114T005351_20230114T005450_E001	Loss of echo	The tracking echo is missing for one or more records
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CS_OFFL_SIR_LFM_18_20230114T031543_20230114T035125_E001	CS_OFFL_SIR_LRM_1B_20230114T023407_20230114T023936_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T035124_20230114T035125_E001	CS_OFFL_SIR_LRM_1B_20230114T030443_20230114T030940_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20230114T035127_20230114T055139_E001 CS_OFFL_SIR_LRM_IB_20230114T035206_20230114T055250_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T055250_20230114T055250_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T055252_20230114T056250_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T055252_20230114T056250_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T055252_20230114T056250_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T055262_20230114T052605_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T052602_20230114T052603_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T052602_20230114T052603_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T052602_20230114T052602_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T052602_20230114T052602_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T052602_20230114T053036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T053036_20230114T053036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T053036_20230114T053056_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T053036_20230114T053056_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T053036_20230114T053056_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T0530312_E001 Loss of echo The tracking echo is missing for one or more records CS_O	CS_OFFL_SIR_LRM_1B_20230114T031543_20230114T034823_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114703514_20230114705205_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114705525_20230114705526_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114705626_20230114705626_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114705626_20230114705630_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114705626_20230114705630_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114705626_20230114705650_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202301147056260_20230114705650_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202301147056260_202301147056261_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202301147056260_202301147056261_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202301147056268_202301147056261_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202301147056268_202301147056268_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202301147053038_20230114705305_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202301147053038_20230114705305_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202301147053038_20230114705305_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114705305_20230114705305_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202301147053131_202301147053112_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_202301147053142_E02301147053142_E001 Loss of	CS_OFFL_SIR_LRM_1B_20230114T035124_20230114T035125_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20230114T055206_20230114T056241_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T035127_20230114T035139_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20230114T050243_20230114T050245_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T050243_20230114T051307_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T052602_20230114T051307_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T052602_20230114T052603_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T052602_20230114T052603_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T052608_20230114T052601_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T052605_20230114T052608_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T052605_20230114T052608_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T053035_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T053035_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T053035_20230114T053036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T053102_20230114T053118_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T053112_20230114T053114_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T053114_E03114T0531314_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T053145_20230114T053146_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T053145_20230114T053146_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T0530442_20230114T063137_E001 Loss of echo The tra	CS_OFFL_SIR_LRM_1B_20230114T035141_20230114T035203_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20230114T050243_20230114T050250_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T050252_20230114T051307_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T052602_20230114T052659_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T052602_20230114T052603_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T052608_20230114T052601_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T052605_20230114T052628_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T052628_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T053082_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T053082_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T053082_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T053030_E00301_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T053102_0230114T053112_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T053114_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T0531314_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T0531314_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T0531315_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T0531315_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T054042_20230114T05613516_E001 Loss of echo The tracking echo is missing for one or more recor	CS_OFFL_SIR_LRM_1B_20230114T035206_20230114T035250_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T051748_20230114T051307_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T045525_20230114T050241_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T0526802_20230114T052693_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T052602_20230114T052603_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T052605_20230114T052621_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T052625_20230114T052628_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T052625_20230114T052628_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053038_20230114T053038_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053038_20230114T053038_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053038_20230114T053038_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T0531310_20230114T0531318_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053132_20230114T0531318_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053132_20230114T053132_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053132_20230114T053156_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053135_20230114T053156_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053135_20230114T053156_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T05342_20230114T064937_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T0634342_20230114T064937_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T0630330_E03011	CS_OFFL_SIR_LRM_1B_20230114T050243_20230114T050250_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20230114T052602_20230114T052603_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T052615_20230114T052628_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T052625_20230114T052628_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T052626_20230114T052628_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T053038_20230114T053056_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T053038_20230114T053056_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T053055_20230114T053058_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T053100_20230114T053118_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T053112_20230114T053112_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T053131_20230114T053114_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T053131_20230114T053127_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T053159_20230114T053124_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T053159_20230114T053124_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T06406_20230114T064851_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T06406_20230114T06493_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T06406_20230114T066406_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_IB_20230114T070642_E030114T07062_E	CS_OFFL_SIR_LRM_1B_20230114T050252_20230114T051307_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_IB_20230114T052608_20230114T052612_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T051748_20230114T052559_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_18_20230114T052615_20230114T052628_E001 CS_OFFL_SIR_LRM_18_20230114T052625_20230114T052628_E001 CS_OFFL_SIR_LRM_18_20230114T052908_20230114T053036_E001 CS_OFFL_SIR_LRM_18_20230114T053038_20230114T053036_E001 CS_OFFL_SIR_LRM_18_20230114T053038_20230114T053051_E001 CS_OFFL_SIR_LRM_18_20230114T053035_20230114T053058_E001 CS_OFFL_SIR_LRM_18_20230114T053055_20230114T053058_E001 CS_OFFL_SIR_LRM_18_20230114T053102_20230114T05318_E001 CS_OFFL_SIR_LRM_18_20230114T053102_20230114T05318_E001 CS_OFFL_SIR_LRM_18_20230114T053120_20230114T053127_E001 CS_OFFL_SIR_LRM_18_20230114T053131_20230114T053127_E001 CS_OFFL_SIR_LRM_18_20230114T053131_20230114T053142_E001 CS_OFFL_SIR_LRM_18_20230114T053131_20230114T053156_E001 CS_OFFL_SIR_LRM_18_20230114T053159_20230114T053154_E001 CS_OFFL_SIR_LRM_18_20230114T053159_20230114T053154_E001 CS_OFFL_SIR_LRM_18_20230114T053159_20230114T053154_E001 CS_OFFL_SIR_LRM_18_20230114T054155_E001 CS_OFFL_SIR_LRM_18_20230114T06406_20230114T064185_E001 CS_OFFL_SIR_LRM_18_20230114T06406_20230114T06487_E001 CS_OFFL_SIR_LRM_18_20230114T06547_20230114T06487_E001 CS_OFFL_SIR_LRM_18_20230114T06516_20230114T06487_E001 CS_OFFL_SIR_LRM_18_20230114T06516_20230114T070601_E001 CS_OFFL_SIR_LRM_18_20230114T06516_20230114T070602_E001 CS_OFFL_SIR_LRM_18_20230114T070603_20230114T0706040_E001 CS_OFFL_SIR_LRM_18_20230114T070603_20230114T0706040_E001 CS_OFFL_SIR_LRM_18_20230114T0706040_20230114T0706040_E001 CS_OFFL_SIR_LRM_18_20230114T0706040_20230114T0706040_E001 CS_OFFL_SIR_LRM_18_20230114T0706040_20230114T0706040_E001 CS_OFFL_SIR_LRM_18_20230114T0706040_20230114T070704_2020011 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_18_20230114T0706040_20230114T070702_E001 CS_OFFL_SIR_LRM_18_20230114T0706040_20230114T070702_E001 CS_OFFL_SIR_LRM_18_20230114T070704_20230114T070702_E001 CS_OFFL_SIR_LRM_18_20230114T070704_20230114T070702_E001 CS_OFFL_SIR_LRM_18_20230114T070704_20230114T070702_E001 CS_OFFL_SIR_LRM_18_20230114T070704_20230114T070702_E0	CS_OFFL_SIR_LRM_1B_20230114T052602_20230114T052603_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T052625_20230114T053036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T052908_20230114T053036_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053038_20230114T053058_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053100_20230114T053058_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053100_20230114T053118_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053120_20230114T053127_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053131_20230114T053142_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053145_20230114T053142_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053145_20230114T053142_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T060406_20230114T053142_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T060406_20230114T061851_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T063442_20230114T064937_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070603_20230114T070602_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The track	CS_OFFL_SIR_LRM_1B_20230114T052608_20230114T052612_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T052908_20230114T053036_E001 CS_OFFL_SIR_LRM_1B_20230114T053038_20230114T053051_E001 CS_OFFL_SIR_LRM_1B_20230114T053055_20230114T053058_E001 CS_OFFL_SIR_LRM_1B_20230114T053100_20230114T053118_E001 CS_OFFL_SIR_LRM_1B_20230114T053120_20230114T053118_E001 CS_OFFL_SIR_LRM_1B_20230114T053120_20230114T053127_E001 CS_OFFL_SIR_LRM_1B_20230114T053131_20230114T053142_E001 CS_OFFL_SIR_LRM_1B_20230114T053145_20230114T053156_E001 CS_OFFL_SIR_LRM_1B_20230114T053159_20230114T053156_E001 CS_OFFL_SIR_LRM_1B_20230114T053159_20230114T053156_E001 CS_OFFL_SIR_LRM_1B_20230114T063046_20230114T063515_E001 CS_OFFL_SIR_LRM_1B_20230114T060406_20230114T061851_E001 CS_OFFL_SIR_LRM_1B_20230114T062547_20230114T062759_E001 CS_OFFL_SIR_LRM_1B_20230114T063142_20230114T060406_2001114T070604_200114T070604_2001114T070604_2001114T070604_2001114T070604_2001114T070702_2001114T070704_20030114T070704_20030114T070702_2001114T070702_20011 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070702_20011 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070702_20011 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070702_20011 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070702_20011 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070702_20011 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T071159_E0011 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T071159_E0011 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T071159_E0011 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T071159_E0011 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T071159_E0011 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T071159_E0011 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T071159_E0011 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T071159_E0011 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T071159_E0011	CS_OFFL_SIR_LRM_1B_20230114T052615_20230114T052621_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T053038_20230114T05305E_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053055_20230114T053018_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053100_20230114T053118_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053120_20230114T05312F_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053131_20230114T053142_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053145_20230114T053142_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053159_20230114T053154_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053159_20230114T053214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T060406_20230114T061851_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T06247_20230114T064937_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T063116_20230114T070601_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070603_20230114T070602_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070702_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_20230	CS_OFFL_SIR_LRM_1B_20230114T052625_20230114T052628_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T053055_20230114T053118_E001 CS_OFFL_SIR_LRM_1B_20230114T053120_20230114T053127_E001 CS_OFFL_SIR_LRM_1B_20230114T053120_20230114T053127_E001 CS_OFFL_SIR_LRM_1B_20230114T053131_20230114T053142_E001 CS_OFFL_SIR_LRM_1B_20230114T053131_20230114T053142_E001 CS_OFFL_SIR_LRM_1B_20230114T053131_20230114T053142_E001 CS_OFFL_SIR_LRM_1B_20230114T053145_20230114T053142_E001 CS_OFFL_SIR_LRM_1B_20230114T053145_20230114T053156_E001 CS_OFFL_SIR_LRM_1B_20230114T053159_20230114T053124_E001 CS_OFFL_SIR_LRM_1B_20230114T053159_20230114T063151_E001 CS_OFFL_SIR_LRM_1B_20230114T06406_20230114T061851_E001 CS_OFFL_SIR_LRM_1B_20230114T06406_20230114T061851_E001 CS_OFFL_SIR_LRM_1B_20230114T062547_20230114T062759_E001 CS_OFFL_SIR_LRM_1B_20230114T063442_20230114T064937_E001 CS_OFFL_SIR_LRM_1B_20230114T063442_20230114T070601_E001 CS_OFFL_SIR_LRM_1B_20230114T06316_20230114T070602_E001 CS_OFFL_SIR_LRM_1B_20230114T070625_20230114T070602_E001 CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070642_E001 CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001 CS_OFFL_SIR_LRM_1B_20230114T0707042_20230114T070702_E001 CS_OFFL_SIR_LRM_1B_20230114T0707042_20230114T071159_E001 CS_OFFL_SIR_LRM_1B_20230114T0707042_20230114T071159_E001 CS_OFFL_SIR_LRM_1B_20230114T0707044_20230114T071159_E001 CS_OFFL_SIR_LRM_1B_20230114T0707044_20230114T071159_E001 CS_OFFL_SIR_LRM_1B_20230114T0707044_20	CS_OFFL_SIR_LRM_1B_20230114T052908_20230114T053036_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T053100_20230114T053118_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053120_20230114T053124_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053145_20230114T053142_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053145_20230114T053124_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053159_20230114T053214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T060406_20230114T061851_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T060406_20230114T061851_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T062547_20230114T062759_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T063442_20230114T0604037_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070603_20230114T070622_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T07002_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T07002_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070042_20230114T07002_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070042_20230114T07002_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_20230114T070704_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking	CS_OFFL_SIR_LRM_1B_20230114T053038_20230114T053051_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T053120_20230114T053142_E001 CS_OFFL_SIR_LRM_1B_20230114T053131_20230114T053142_E001 CS_OFFL_SIR_LRM_1B_20230114T053131_20230114T053142_E001 CS_OFFL_SIR_LRM_1B_20230114T053145_20230114T053156_E001 CS_OFFL_SIR_LRM_1B_20230114T053159_20230114T053214_E001 CS_OFFL_SIR_LRM_1B_20230114T053159_20230114T053214_E001 CS_OFFL_SIR_LRM_1B_20230114T060406_20230114T061851_E001 CS_OFFL_SIR_LRM_1B_20230114T060406_20230114T062759_E001 CS_OFFL_SIR_LRM_1B_20230114T062547_20230114T064937_E001 CS_OFFL_SIR_LRM_1B_20230114T063142_20230114T064937_E001 CS_OFFL_SIR_LRM_1B_20230114T065116_20230114T070601_E001 CS_OFFL_SIR_LRM_1B_20230114T070603_20230114T070622_E001 CS_OFFL_SIR_LRM_1B_20230114T070625_20230114T070640_E001 CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001 CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070722_E001 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T0707125_E001 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T0707125_E001 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T071159_E001 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T071159_E001 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T071159_E001 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T071159_E001 CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T07115	CS_OFFL_SIR_LRM_1B_20230114T053055_20230114T053058_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T053131_20230114T053142_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053145_20230114T053156_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T053159_20230114T053214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T060406_20230114T061851_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T062547_20230114T062759_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T063442_20230114T064937_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T065116_20230114T070601_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070603_20230114T070622_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070640_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070722_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_20230114T070704_20230114T070722_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_20230114T070704_20230114T070722_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T053100_20230114T053118_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T053145_20230114T053156_E001 CS_OFFL_SIR_LRM_1B_20230114T053159_20230114T053214_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T060406_20230114T061851_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T062547_20230114T062759_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T063442_20230114T064937_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T065116_20230114T070601_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070603_20230114T070622_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070625_20230114T070640_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070722_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_20230114T070704_20230114T070722_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_20230114T070704_20230114T070722_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T053120_20230114T053127_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T053159_20230114T053214_E001 CS_OFFL_SIR_LRM_1B_20230114T060406_20230114T061851_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T062547_20230114T064937_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T065116_20230114T070601_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070603_20230114T070622_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070625_20230114T070640_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_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_20230114T070704_20230114T070722_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070722_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_20230114T070704_20230114T071159_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T053131_20230114T053142_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T060406_20230114T061851_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T062547_20230114T062759_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T063442_20230114T064937_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T065116_20230114T070601_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070603_20230114T070622_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070625_20230114T070640_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070722_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_20230114T070704_20230114T070722_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_20230114T070704_20230114T071159_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T053145_20230114T053156_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T062547_20230114T062759_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T063442_20230114T064937_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070601_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070603_20230114T070622_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070625_20230114T070640_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070722_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T053159_20230114T053214_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T063442_20230114T064937_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070601_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070603_20230114T070622_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070625_20230114T070640_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070722_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070722_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070724_20230114T071159_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T060406_20230114T061851_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T065116_20230114T070601_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070603_20230114T070622_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070625_20230114T070640_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070722_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T062547_20230114T062759_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T070603_20230114T070622_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T063442_20230114T064937_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T070625_20230114T070640_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070722_E001 Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T065116_20230114T070601_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070722_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070724_20230114T071159_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_20230114T070603_20230114T070622_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070722_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20230114T070724_20230114T071159_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T070625_20230114T070640_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T070724_20230114T071159_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T070642_20230114T070702_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20230114T070704_20230114T070722_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T071300_20230114T071310_E001 Loss of echo The tracking echo is missing for one or more records	CS_OFFL_SIR_LRM_1B_20230114T070724_20230114T071159_E001	Loss of echo	The tracking echo is missing for one or more records
	CS_OFFL_SIR_LRM_1B_20230114T071300_20230114T071310_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20230114T072616_20230114T072759_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T072940_20230114T073848_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T073851_20230114T073856_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T073902_20230114T073931_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T073933_20230114T073933_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T073937_20230114T073941_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T073947_20230114T074106_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T083812_20230114T083840_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T084228_20230114T084303_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T084406_20230114T084526_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T084529_20230114T084553_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T084555_20230114T085053_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T090601_20230114T091048_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T091310_20230114T091626_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T091628_20230114T094013_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T095607_20230114T101903_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T102044_20230114T102726_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T102726_20230114T102906_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T113219_20230114T115248_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T115250_20230114T115312_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T115314_20230114T120044_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T120048_20230114T120114_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230114T120312 20230114T120421 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T120421_20230114T120430_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T120503_20230114T120651_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T120840_20230114T121038_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T132003_20230114T132335_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230114T132457 20230114T132920 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230114T134155 20230114T134201 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T134232_20230114T134237_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T134250_20230114T134308_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T134559_20230114T134618_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230114T150506 20230114T151105 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T151310_20230114T151739_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T153937_20230114T153945_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T153954_20230114T154059_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230114T154210 20230114T161548 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T171809_20230114T171859_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230114T171902 20230114T171930 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T171934_20230114T171953_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230114T171958 20230114T172037 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230114T172424 20230114T173243 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T173724_20230114T173807_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230114T173810 20230114T173812 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T173815_20230114T173817_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230114T173819 20230114T173819 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T173821_20230114T175501_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T181150_20230114T182540_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T182754_20230114T183927_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T184113_20230114T184221_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T185652_20230114T190002_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230114T190006 20230114T190108 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_202301141190006_202301141190106_E001 CS_OFFL_SIR_LRM_1B_20230114T190111_20230114T190116_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T190111_20230114T190116_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T190127_20230114T190129_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T190132_20230114T190138_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_20230114T190132_20230114T190138_E001 CS_OFFL_SIR_LRM_1B_20230114T190140_20230114T190201_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T190206_20230114T190208_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_20230114T190210_20230114T190229_E001 CS_OFFL_SIR_LRM_1B_20230114T190233_20230114T190500_E001	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
		The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T190503_20230114T190508_E001	Loss of echo	
CC OEEL CID LDM 1D 20220114T100E10 20220114T100E10 E004		
CS_OFFL_SIR_LRM_1B_20230114T190510_20230114T190518_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_20230114T190510_20230114T190518_E001 CS_OFFL_SIR_LRM_1B_20230114T190727_20230114T191745_E001 CS_OFFL_SIR_LRM_1B_20230114T195323_20230114T200400_E001	Loss of echo Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records

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CS_OFFL_SIR_LRM_1B_20230114T200559_20230114T201133_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T201417_20230114T202114_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T202405_20230114T202427_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T203517_20230114T203758_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T203803_20230114T203849_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T203852_20230114T203857_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T203900_20230114T203904_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T203906_20230114T203908_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T203914_20230114T204102_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T204104_20230114T204124_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T204126_20230114T204128_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T204133_20230114T204136_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T204139_20230114T204144_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T204148_20230114T204240_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T204244_20230114T204249_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T204253_20230114T204255_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T204258_20230114T204334_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T204408_20230114T204452_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T211648_20230114T212028_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T212643_20230114T215244_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T215246_20230114T215530_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T215828_20230114T215847_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T221838_20230114T222409_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T222412_20230114T222429_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T222439_20230114T222457_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T222500_20230114T222509_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T222656_20230114T225255_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230114T235651_20230114T235959_E001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

Number of products with errors:

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.8 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag 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:

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: Not 0!

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 available 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:

Test Failed Description There is an error with the Snow Depth value, where one or more records Snow depth model CS_OFFL_SIR_SAR_2__20230114T003304_20230114T003319_E001 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__20230114T003751_20230114T004437_E001 now 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__20230114T004623_20230114T004823_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 20230114T005204 20230114T005350 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 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 r CS_OFFL_SIR_SAR_2__20230114T011419_20230114T011641_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 20230114T011826 20230114T012025 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 Snow depth model CS_OFFL_SIR_SAR_2__20230114T012317_20230114T012351_E001 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 20230114T013353 20230114T013632 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 20230114T015845 20230114T020131 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 20230114T021034 20230114T022031 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__20230114T022032_20230114T022200_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__20230114T022300_20230114T022325_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__20230114T022816_20230114T022954_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 20230114T023219 20230114T023407 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 20230114T030238 20230114T030328 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__20230114T031302_20230114T031543_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 20230114T034823 20230114T034845 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_20230114T034849_20230114T034908_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 20230114T034909 20230114T034915 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 20230114T034920 20230114T034948 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__20230114T034952_20230114T034958_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 20230114T035000 20230114T035037 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__20230114T035039_20230114T035101_E001 now 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__20230114T035103_20230114T035106_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 20230114T035107 20230114T035111 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 20230114T035113 20230114T035120 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 n CS_OFFL_SIR_SAR_2__20230114T035930_20230114T040510_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 20230114T040549 20230114T041309 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__20230114T043719_20230114T044417_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 20230114T045512 20230114T045525 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 20230114T051307 20230114T051748 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__20230114T052634_20230114T052636_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 20230114T052640 20230114T052645 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__20230114T052648_20230114T052650_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 20230114T052652 20230114T052704 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 20230114T052708 20230114T052712 E001 Snow depth model falls outside of the extent of the current snow depth model Dry tropospheric corr. Wet tropospheric corr, Inverse barometric corr, Dynamic CS_OFFL_SIR_SAR_2__20230114T052714_20230114T052715_E001 atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide, Snow depth model Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic CS OFFL SIR SAR 2 20230114T052717 20230114T052718 E001 atm corr. Model Ionospheric corr. Solid Earth tide, Geocentr. polar tide, Snow depth model There is an error with the Snow Depth value, where one or more records Snow depth model

falls outside of the extent of the current snow depth model

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CS_OFFL_SIR_SAR_220230114T052731_20230114T052733_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_220230114T052739_20230114T052840_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_20230114T052844_20230114T052847_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_20230114T052849_20230114T052858_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_220230114T052904_20230114T052907_E001	orr, Inverse barometric corr, Dynamic atm corr, Model Jonospheric corr, Solid	#N/A
CS_OFFL_SIR_SAR_220230114T054535_20230114T054549_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_220230114T060152_20230114T060405_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_220230114T061852_20230114T061934_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_20230114T063435_20230114T063442_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_20230114T064937_20230114T065115_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_20230114T072114_20230114T072306_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_220230114T072513_20230114T072615_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_20230114T072759_20230114T072913_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_220230114T072938_20230114T072940_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_20230114T080042_20230114T080147_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230114T081351_20230114T081419_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
CS_OFFL_SIR_SAR_220230114T083706_20230114T083811_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
CS_OFFL_SIR_SAR_220230114T090325_20230114T090601_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230114T091048_20230114T091309_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 activate of the surrent says death and
CS OFFL SIR SAR 2 20230114T094014 20230114T094122 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 20230114T095244 20230114T095306 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_20230114T095546_20230114T095607_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 20230114T102907 20230114T103059 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_20230114T105021_20230114T105154_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 20230114T111800 20230114T112048 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 20230114T113217 20230114T113219 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_20230114T120114_20230114T120224_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_20230114T120234_20230114T120312_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_20230114T120651_20230114T120840_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_20230114T125745_20230114T130039_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_220230114T131038_20230114T131118_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_220230114T131536_20230114T131553_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_20230114T131715_20230114T132002_E001	Snow depth model	Talls 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_20230114T134040_20230114T134141_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230114T134143_20230114T134155_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230114T134404_20230114T134559_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_20230114T134924_20230114T135011_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_220230114T135101_20230114T135932_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_220230114T140245_20230114T140331_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_220230114T141201_20230114T141446_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_220230114T143704_20230114T143931_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_220230114T144401_20230114T144406_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_220230114T144938_20230114T145029_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_220230114T150319_20230114T150505_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_220230114T151740_20230114T152415_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_220230114T152415_20230114T152619_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_220230114T152652_20230114T152856_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_220230114T154110_20230114T154209_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_220230114T161549_20230114T161604_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_220230114T162300_20230114T162306_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
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		There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230114T162313_20230114T162320_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230114T162809_20230114T163104_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_20230114T163108_20230114T163133_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_20230114T163133_20230114T163359_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_20230114T170511_20230114T170531_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_20230114T172037_20230114T172040_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_220230114T172042_20230114T172317_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_20230114T172320_20230114T172341_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_20230114T172344_20230114T172421_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_20230114T173244_20230114T173724_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_220230114T175501_20230114T175510_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_20230114T180159_20230114T180205_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_20230114T180213_20230114T180218_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_20230114T180615_20230114T181150_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_220230114T182541_20230114T182754_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_20230114T183928_20230114T184112_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_220230114T184221_20230114T184405_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_220230114T184611_20230114T184752_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_220230114T191745_20230114T191924_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_220230114T193356_20230114T193424_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_220230114T194111_20230114T194118_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_20230114T201256_20230114T201417_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_220230114T202114_20230114T202405_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_20230114T204918_20230114T205024_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_20230114T211326_20230114T211350_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_220230114T212553_20230114T212642_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_20230114T230444_20230114T230655_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_220230114T235219_20230114T235651_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_220230114T013041_20230114T013352_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230114T030940_20230114T031302_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230114T044417_20230114T044653_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20230114T044846_20230114T045512_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230114T061935_20230114T062546_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230114T130039_20230114T130357_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230114T143932_20230114T144251_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230114T180407_20230114T180614_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230114T194253_20230114T194946_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.

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

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: 246

Product	Test Failed	Description
	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_220230114T004437_20230114T004623_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_220230114T005111_20230114T005203_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_220230114T011043_20230114T011419_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_20230114T013632_20230114T015845_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_20230114T020131_20230114T021034_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20230114T022325_20230114T022633_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_220230114T024248_20230114T030237_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_220230114T031543_20230114T034823_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_220230114T041309_20230114T043719_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_220230114T045525_20230114T050241_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_220230114T050252_20230114T051307_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_220230114T051748_20230114T052559_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230114T054550_20230114T060151_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_220230114T060406_20230114T061851_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_220230114T063442_20230114T064937_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_220230114T065116_20230114T070601_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_220230114T072616_20230114T072759_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230114T072913_20230114T072937_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_220230114T072940_20230114T073848_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_220230114T074601_20230114T080042_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_220230114T081419_20230114T083705_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_220230114T084406_20230114T084526_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230114T084555_20230114T085053_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_220230114T091310_20230114T091626_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_220230114T091628_20230114T094013_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_220230114T095607_20230114T101903_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_220230114T105155_20230114T111759_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_220230114T113219_20230114T115248_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_220230114T115250_20230114T115312_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_220230114T115314_20230114T120044_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_220230114T120840_20230114T121038_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_220230114T122340_20230114T125745_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_220230114T134155_20230114T134201_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230114T140332_20230114T141201_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230114T141446_20230114T143704_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_20230114T145029_20230114T150318_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_20230114T150506_20230114T151105_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_20230114T151310_20230114T151739_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20230114T154210_20230114T161548_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20230114T163400_20230114T170511_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20230114T171902_20230114T171930_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20230114T172424_20230114T173243_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20230114T173724_20230114T173807_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_20230114T173821_20230114T175501_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20230114T181150_20230114T182540_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20230114T182754_20230114T183927_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_20230114T184113_20230114T184221_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20230114T190727_20230114T191745_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20230114T191925_20230114T193355_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_220230114T195323_20230114T200400_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_220230114T200559_20230114T201133_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20230114T201417_20230114T202114_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_20230114T202405_20230114T202427_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_220230114T204148_20230114T204240_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20230114T205024_20230114T211325_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_220230114T212643_20230114T215244_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_220230114T221635_20230114T221714_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_220230114T222656_20230114T225255_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_220230114T230656_20230114T234013_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_SAR_220230114T003507_20230114T003751_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T003751_20230114T004437_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T004623_20230114T004823_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T005204_20230114T005350_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T005450_20230114T005630_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T011419_20230114T011641_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T011826_20230114T012025_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T012317_20230114T012351_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T013353_20230114T013632_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T015845_20230114T020131_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220230114T021034_20230114T022031_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T022032_20230114T022200_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T022300_20230114T022325_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T022816_20230114T022954_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T023219_20230114T023407_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T030238_20230114T030328_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T031302_20230114T031543_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T034823_20230114T034845_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T035000_20230114T035037_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T035039_20230114T035101_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T035250_20230114T035929_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T035930_20230114T040510_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T040549_20230114T041309_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T043719_20230114T044417_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T045512_20230114T045525_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T051307_20230114T051748_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T052739_20230114T052840_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T053215_20230114T053817_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T053818_20230114T053930_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T054535_20230114T054549_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T060152_20230114T060405_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T061852_20230114T061934_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T063435_20230114T063442_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T064937_20230114T065115_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T071220_20230114T071300_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T071311_20230114T071352_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T071424_20230114T071610_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T071610_20230114T071849_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T072114_20230114T072306_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T072513_20230114T072615_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T072759_20230114T072913_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T072938_20230114T072940_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T080042_20230114T080147_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T081351_20230114T081419_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220230114T083706_20230114T083811_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T085054_20230114T085155_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T085155_20230114T085803_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T090325_20230114T090601_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T091048_20230114T091309_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T094014_20230114T094122_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T095244_20230114T095306_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T095546_20230114T095607_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T102907_20230114T103059_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T103137_20230114T103253_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T103317_20230114T103825_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T105021_20230114T105154_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T111800_20230114T112048_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T113217_20230114T113219_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T120114_20230114T120224_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T120234_20230114T120312_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T120651_20230114T120840_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T121038_20230114T121205_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T121216_20230114T122024_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T125745_20230114T130039_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T131038_20230114T131118_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T131536_20230114T131553_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T131715_20230114T132002_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T134040_20230114T134141_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T134404_20230114T134559_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T134924_20230114T135011_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T135101_20230114T135932_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T140245_20230114T140331_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T141201_20230114T141446_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T143704_20230114T143931_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T144938_20230114T145029_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T150319_20230114T150505_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T151740_20230114T152415_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T152415_20230114T152619_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220230114T152652_20230114T152856_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T153152_20230114T153849_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T154110_20230114T154209_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T161549_20230114T161604_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T162809_20230114T163104_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T163108_20230114T163133_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T163133_20230114T163359_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T170511_20230114T170531_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T171052_20230114T171636_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T171650_20230114T171808_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T172042_20230114T172317_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230114T172344_20230114T172421_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T173244_20230114T173724_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T175501_20230114T175510_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T180615_20230114T181150_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T183928_20230114T184112_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T184221_20230114T184405_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T184611_20230114T184752_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T185008_20230114T185328_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T185329_20230114T185651_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T191745_20230114T191924_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T193356_20230114T193424_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T201256_20230114T201417_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T202114_20230114T202405_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T202835_20230114T203357_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T203424_20230114T203516_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T204918_20230114T205024_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T211326_20230114T211350_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T212553_20230114T212642_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T220659_20230114T221635_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T230444_20230114T230655_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T234411_20230114T235145_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230114T235219_20230114T235651_E001	Backscatter Error (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_20230114T003144_20230114T003304_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records

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pack Applied Form Pack Applied		Backscatter Error (Retracker 2),	
South Carlot Car	CS_OFFL_SIN_2202301141012352_202301141012516_E001	track Angle Error	
Description from (February 2) and produced in Substance and Substance an	CS_OFFL_SIR_SIN_220230114T013041_20230114T013352_E001	track Angle Error	was detected for SARIn mode for one or more records
South Carl Carl Carl Carl Carl Carl Carl Carl	CS_OFFL_SIR_SIN_2_20230114T022200_20230114T022300_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
Secretaria from (Petroducial 1) Co., CPPL_SIR_SIR_2_000014730307_2003014700407_0001 Beconstant from (Petroducial 2) Beconstant fr	CS_OFFL_SIR_SIN_220230114T022633_20230114T022816_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
So CRE, SRI SRI 2, 2020014T00009 2020114T03100 2000 So CRE, SRI SRI 2, 2020014T00009 2020114T03100 2000 So CRE, SRI SRI 2, 2020014T00009 2020114T03100 2000 So CRE SRI SRI 2, 2020014T00009 2020114T03100 2000 So CRE SRI SRI 2, 2020014T00009 2020114T03100 2000 So CRE SRI SRI 2, 2020014T00009 2020114T00009 2020114T00009 2000 So CRE SRI SRI 2, 2020014T00009 2020114T00009 2000 So CRE SRI SRI 2, 2020014T00000 2020114T00009 2000 So CRE SRI SRI 2, 2020014T00000 2020114T00000 2000114T00000 2000114T000000 2000114T00000 2000114T00000 2000	CS_OFFL_SIR_SIN_220230114T023124_20230114T023218_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Segment of the process of the proces	CS_OFFL_SIR_SIN_220230114T023937_20230114T024247_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Secretary (Processed Secretary Companies Secretary Secre	CS_OFFL_SIR_SIN_220230114T030329_20230114T030443_E001	Backscatter Error (Retracker 3), SARIn X	
Dadescenter Error (Flertacker S), SARIan Mark 2 202201141704417 202201141704445 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 202201141704441 202201141704455 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 202201141704446 202201141704455 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 202201141704465 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 202201141704466 202201141704465 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 202201141704466 202201141704465 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 202201141704466 202201141704465 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 202201141704466 202201141704465 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 202201141704466 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 202201141704466 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 202201141704467 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 202201141704467 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 202201141704467 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 20220114170446 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 20220114170446 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 20220114170446 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 20220114170446 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 20220114170446 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 20220114170446 E011 Dadescenter Error (Flertacker S), SARIan Mark 1 2 20220114170446 E011 Dadescenter Error (Flertacker S), SARIan Mark 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	CS_OFFL_SIR_SIN_220230114T030940_20230114T031302_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error	
Dashscratter Error (Frencher S), SARtis in Management of the Committee of	CS_OFFL_SIR_SIN_220230114T040510_20230114T040548_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
Sackeauter Error (Pharaset 2), SARINX 2 20200114705302 20200114705435 2000 20114705435 2000	CS_OFFL_SIR_SIN_220230114T044417_20230114T044653_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	
Sackscatter from (Petrader 2), SARIN X, Index a backscatter error for Petrader 2 and 3 and an arribiguous angle was detected for SARIN mode for one or more records track Angle Error (Petrader 2), SARIN X, Index Angle Error (Petrader 2), SARIN	CS_OFFL_SIR_SIN_220230114T044846_20230114T045512_E001	Backscatter Error (Retracker 3), SARIn X	
Backscatter Error (Febracker 2), SARIN X 2 20230114T06435 2002 114T06254 2001 SARIN X 2 20230114T06435 20230114T06254 2001 SARIN X 2 20230114T06435 20230114T0644 2001 SARIN X 2 20230114T07435 20230114T07424 2001 SARIN X 2 20230114T07435 20230114T07425 2001 SARIN X 2 20230114T07435 20230114T07424 2001 SARIN X 2 20230114T07435 20230114T07425 2001 SARIN X 2 20230114T07435 20230114T07435 2001 SARIN X 2 20230114T07435 200230114T07435 2001 SARIN X 2 20230114T07436 20230114T07430 2001 SARIN X 2 20230114T07430 20030114T07430	CS_OFFL_SIR_SIN_220230114T053930_20230114T054050_E001	Backscatter Error (Retracker 3), SARIn X	
Backscatter Error (Febracker 5), SARIn X manual state of the state of	CS_OFFL_SIR_SIN_220230114T054347_20230114T054535_E001	Backscatter Error (Retracker 3), SARIn X	
SAFIN X track Angle Error An ambiguous angle was detected for SARIn mode for one or more ecocids. Backscatter Error (Retracker 2), SARIn X and SARIN Track Angle Error (Retracker 2), SARIN X and SARIN X track Angle Error (Retracker 3), SARIN	CS_OFFL_SIR_SIN_220230114T061935_20230114T062546_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
Section of the control of the control of Petrocker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records ackseater Error (Fetracker 2), Backseater Error (Fetracker 3), SARIn X track Angle Error Startacker 2), SARIN X	CS_OFFL_SIR_SIN_220230114T062759_20230114T062842_E001		
Backscatter Error (Platracker 2), Backscatter Error (Platracker 3), SARII X track Angle Error CS_OFFL_SIR_SIN_2_20230114T072306_20230114T072513_E001 CS_OFFL_SIR_SIN_2_20230114T074106_20230114T074513_E001 CS_OFFL_SIR_SIN_2_20230114T074106_20230114T07400_E001 CS_OFFL_SIR_SIN_2_20230114T074106_20230114T080146_E0030114T080140_E001 CS_OFFL_SIR_SIN_2_20230114T080146_20230114T080340_E001 Backscatter Error (Platracker 2), Backscatter Error (Platracker 3), SARII X track Angle Error CS_OFFL_SIR_SIN_2_20230114T081203_20230114T080340_E001 Backscatter Error (Platracker 2), Backscatter Error (Platracker 3), SARII X track Angle Error SARIIN X-track A	CS_OFFL_SIR_SIN_220230114T063300_20230114T063435_E001	Backscatter Error (Retracker 3), SARIn X	
Backscatter Fror (Retracker 2), SARIn X Angle Error South Sin 2 202301147072039 202301147072114 E001 Backscatter Fror (Retracker 3), SARIn X Interes is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records track Angle Error Backscatter Fror (Retracker 3), SARIn X Interes is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records and track Angle Error (Retracker 3), SARIn X Interes is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records and track Angle Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X Interes is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records and track Angle Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X Interes is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records and track Angle Error (Retracker 3), SARIn X Interes is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records was detected for SARIn mode for one or more records and track Angle Error (Retracker 3), SARIn X Interes is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records was detected for SARIn mode for one or more records and track Angle Error (Retracker 3), SARIn X Interes 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_20230114T08404_20230114T09404_1_E001 SARIn X-track Angle Error SARIn X-track Angle Error SARIn	CS_OFFL_SIR_SIN_2_20230114T071353_20230114T071424_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
Backscatter Error (Retracker 2). Backscatter Error (Retracker 2). Backscatter Error (Retracker 2). Backscatter Error (Retracker 3). SARIN X track Angle Error. SURGED FL. SIR_SIN_2_20230114T072306_20230114T072513_E001 Backscatter Error (Retracker 3). SARIN X track Angle Error. Surface Model unavailable Backscatter Error (Retracker 3). SARIN X track Roge Error. Surface Model unavailable Backscatter Error (Retracker 3). SARIN X trace model unavailable Backscatter Error (Retracker 3). SARIN X trace model unavailable Backscatter Error (Retracker 3). SARIN X trace model unavailable Backscatter Error (Retracker 3). SARIN X trace model unavailable Backscatter Error (Retracker 3). SARIN X trace model unavailable Backscatter Error (Retracker 3). SARIN X trace model unavailable Backscatter Error (Retracker 3). SARIN X trace is a backscatter error for Retracker 2 and 3. an ambiguous angle trace tra	CS_OFFL_SIR_SIN_220230114T071849_20230114T071953_E001	Backscatter Error (Retracker 3), SARIn X	
Backscater Error (Retracker 2), SARIn X- track Angle Error (Retracker 3), SARIn X- track Error (Retracker 3), SARIn X- track Error (Retracker 3), SARIn X- track Angle Error (Retracker 3), SARIn X- track Error (Retrac	CS_OFFL_SIR_SIN_220230114T072029_20230114T072114_E001	Backscatter Error (Retracker 3), SARIn X	
Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable Backscatter Error (Retracker 3), SARIN X track Angle Error Backscatter Error (Retracker 3), SARIN	CS_OFFL_SIR_SIN_2_20230114T072306_20230114T072513_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20230114T081203_20230114T081351_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3	CS_OFFL_SIR_SIN_2_20230114T074106_20230114T074600_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
Backscatter Error (Retracker 3), SARIn X makes detected for SARIn mode for one or more records SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20230114T094122_20230114T094241_E001 SARIN X-track Angle Error SARIN X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error (Retracker 2), SARIN X There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope	CS_OFFL_SIR_SIN_220230114T080148_20230114T080340_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	
model unavailable Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records SARIn X-track Angle Error CS_OFFL_SIR_SIN_2_20230114T084304_20230114T090301_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20230114T094122_20230114T094241_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20230114T094122_20230114T094241_E001 SARIn X-track Angle Error SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error SARIN X-track Angle Error, Surface An ambiguous angle was detected for SARIn mode and no DEM or Slope	CS_OFFL_SIR_SIN_220230114T081203_20230114T081351_E001	Backscatter Error (Retracker 3), SARIn X	
SARIN X-track Angle Error SARIN X-track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20230114T094122_20230114T094241_E001 CS_OFFL_SIR_SIN_2_20230114T094439_20230114T094526_E001 CS_OFFL_SIR_SIN_2_20230114T095021_20230114T095244_E001 SARIN X-track Angle Error Backscatter Error (Retracker 3), SARIN X track Angle Error SARIN X-track Angle Error 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 There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode and no DEM or Slope	CS_OFFL_SIR_SIN_220230114T083840_20230114T084228_E001		
Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20230114T094122_20230114T094241_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20230114T094122_20230114T094241_E001 SARIn X-track Angle Error SARIn X-track Angle Error An ambiguous angle was detected for SARIn mode for one or more records CS_OFFL_SIR_SIN_2_20230114T095021_20230114T095244_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error An ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error SARIN X-track Angle Error, Surface An ambiguous angle was detected for SARIn mode and no DEM or Slope	CS_OFFL_SIR_SIN_220230114T084304_20230114T084405_E001	SARIn X-track Angle Error	
Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20230114T094439_20230114T094526_E001 SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error, Surface An ambiguous angle was detected for SARIn mode and no DEM or Slope	CS_OFFL_SIR_SIN_220230114T085803_20230114T090301_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
CS_OFFL_SIR_SIN_2_20230114T094439_20230114T094526_E001 SARIN X-track Angle Error SARIN X-track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X-track Angle Error CS_OFFL_SIR_SIN_2_20230114T095021_20230114T095244_E001 SARIN X-track Angle Error SARIN X-track Angle Error SARIN X-track Angle Error, Surface An ambiguous angle was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records SARIN X-track Angle Error, Surface An ambiguous angle was detected for SARIn mode and no DEM or Slope	CS_OFFL_SIR_SIN_220230114T094122_20230114T094241_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20230114T095021_20230114T095244_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error SARIn X-track Angle Error, Surface An ambiguous angle was detected for SARIn mode and no DEM or Slope	CS_OFFL_SIR_SIN_220230114T094439_20230114T094526_E001		
CS_OFFI_SIR_SIN_2_20230114T101904_20230114T102044_E001 SARIn X-track Angle Error, Surface An ambiguous angle was detected for SARIn mode and no DEM or Slope	CS_OFFL_SIR_SIN_220230114T095021_20230114T095244_E001	Backscatter Error (Retracker 3), SARIn X	
	CS_OFFL_SIR_SIN_220230114T101904_20230114T102044_E001	SARIn X-track Angle Error, Surface	

CS_OFFL_SIR_SIN_2_20230114T103100_20230114T103137_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	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
03_011L_3IN_3IN_2_202301141103100_202301141103107_E001	track Angle Error, Surface model unavailable Backscatter Error (Retracker 2),	the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle
CS_OFFL_SIR_SIN_220230114T103254_20230114T103317_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	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_220230114T103825_20230114T105021_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_220230114T112048_20230114T112208_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_220230114T112242_20230114T112448_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230114T113047_20230114T113216_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_20230114T121205_20230114T121216_E001	Backscatter Error (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_220230114T122025_20230114T122340_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_220230114T130039_20230114T130357_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_220230114T130919_20230114T131038_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_220230114T134618_20230114T134714_E001	Backscatter Error (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_220230114T135932_20230114T140244_E001	Backscatter Error (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_220230114T143932_20230114T144251_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_220230114T144814_20230114T144938_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_220230114T152619_20230114T152651_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_220230114T152856_20230114T153151_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_220230114T161605_20230114T161800_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_220230114T162635_20230114T162809_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_20230114T170532_20230114T170636_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_220230114T170952_20230114T171052_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_220230114T171636_20230114T171650_E001	Backscatter Error (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_220230114T175510_20230114T175649_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_220230114T180407_20230114T180614_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_220230114T184405_20230114T184611_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_220230114T184752_20230114T185007_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_220230114T190519_20230114T190727_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_220230114T193424_20230114T193610_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_220230114T194253_20230114T194946_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_20230114T195125_20230114T195323_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_220230114T200400_20230114T200559_E001	Backscatter Error (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_220230114T201133_20230114T201255_E001	Backscatter Error (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_20230114T202427_20230114T202835_E001	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_220230114T203357_20230114T203424_E001	track Angle Error Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230114T204453_20230114T204850_E001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220230114T211350_20230114T211648_E001		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_20230114T212351_20230114T212553_E001	track Angle Error (Hetracker 3), SAHIN X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230114T215848_20230114T220658_E001	Backscatter Error (Hetracker 3), SARIN X	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_220230114T222510_20230114T222533_E001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_220230114T225255_20230114T225431_E001		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_220230114T230318_20230114T230430_E001		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_220230114T230430_20230114T230443_E001	Backscatter Error (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_220230114T234013_20230114T234410_E001	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_220230114T235146_20230114T235218_E001	Backscatter Error (Hetracker 3), SARIN X	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