

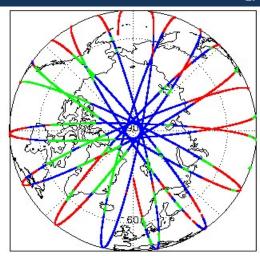
1. Overview

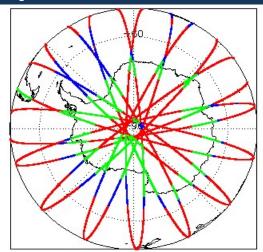
Report Production Date:	06-May-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

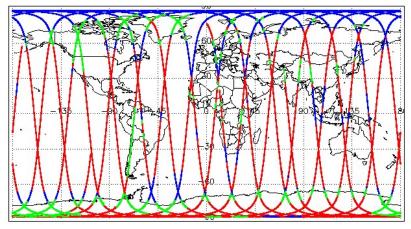
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	See Section 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	ument News
03-Apr-2022	None
04-Apr-2022	None
05-Apr-2022	Nothing planned

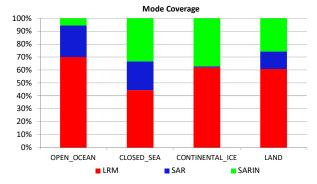
2. Global Coverage

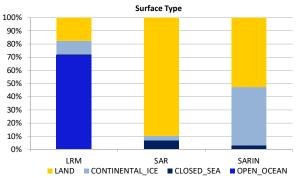












3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

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: 1

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220404T001359_20220404T001829_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T002146_20220404T004749_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T004751_20220404T004840_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T004845_20220404T004919_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T004921_20220404T004939_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T004941_20220404T005110_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T005217_20220404T005520_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T005521_20220404T005724_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T011700_20220404T011823_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T020044_20220404T022141_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T022206_20220404T022348_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T022351_20220404T022740_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T022845_20220404T022956_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T023142_20220404T023237_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T023710_20220404T023751_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T023812_20220404T023911_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T025137_20220404T032619_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T035039_20220404T035155_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T035157_20220404T035624_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T035653_20220404T040002_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T040042_20220404T040332_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T040516_20220404T040702_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T040725_20220404T040800_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T041151_20220404T041209_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T041508_20220404T041911_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T044314_20220404T050534_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T053336_20220404T054052_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T054134_20220404T054610_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T055524_20220404T055534_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T060811_20220404T060827_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T060830_20220404T060852_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T060857_20220404T060910_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T070227_20220404T073234_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T074643_20220404T074652_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T074655_20220404T074718_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T074721_20220404T074723_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T074725_20220404T074728_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T074736_20220404T074748_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T074753_20220404T074803_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T074805_20220404T074805_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T074809_20220404T074824_E001	Loss of echo	The tracking echo is missing for one or more records

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CS_OFFL_SIR_LRM_1B_20220404T074827_20220404T074829_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T074831_20220404T074856_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T074858_20220404T074915_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T075228_20220404T075236_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T075244_20220404T075246_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T075253_20220404T075255_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T075257_20220404T075303_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T075332_20220404T075332_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T075335_20220404T080547_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220404T080751 20220404T082328 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T085111_20220404T085220_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T085222_20220404T085334_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T085624_20220404T090815_E001	Loss of echo	
CS OFFL SIR LRM 1B 20220404T090933 20220404T091113 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_20220404T092522_20220404T093011_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T093015_20220404T093035_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T093038_20220404T093439_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T093442_20220404T093904_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T101601_20220404T104955_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T110402_20220404T111150_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T111301_20220404T111349_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T111751_20220404T113916_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T114915_20220404T115243_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T115502_20220404T122415_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T122418_20220404T122425_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T124632_20220404T132126_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T132815_20220404T133143_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T142547_20220404T142827_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T142901_20220404T142943_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T143142_20220404T143226_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T143229_20220404T143234_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T143236_20220404T143241_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220404T143310 20220404T144159 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T144535_20220404T145125_E001	Loss of echo	
CS OFFL SIR LRM 1B 20220404T150306 20220404T150840 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_20220404T160401_20220404T160408_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T160821_20220404T160836_E001	Loss of echo	The tracking echo is missing for one or more records
03_011E_3 \(\text{LCNW}_1B_202204041100021_202204041100030_E001		
CS OFFI SID I DM 4D 20220404T460848 20220404T460855 F004	Loss of ocho	-
CS_OFFL_SIR_LRM_1B_20220404T160848_20220404T160855_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T161302_20220404T161446_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_20220404T161302_20220404T161446_E001 CS_OFFL_SIR_LRM_1B_20220404T161630_20220404T161948_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_20220404T161302_20220404T161446_E001 CS_OFFL_SIR_LRM_1B_20220404T161630_20220404T161948_E001 CS_OFFL_SIR_LRM_1B_20220404T164228_20220404T164737_E001	Loss of echo Loss of echo Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220404T161302_20220404T161446_E001 CS_OFFL_SIR_LRM_1B_20220404T161630_20220404T161948_E001 CS_OFFL_SIR_LRM_1B_20220404T164228_20220404T164737_E001 CS_OFFL_SIR_LRM_1B_20220404T172907_20220404T172942_E001 CS_OFFL_SIR_LRM_1B_20220404T172949_20220404T173015_E001 CS_OFFL_SIR_LRM_1B_20220404T183346_20220404T184934_E001 CS_OFFL_SIR_LRM_1B_20220404T190744_20220404T190819_E001 CS_OFFL_SIR_LRM_1B_20220404T190822_20220404T190847_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
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CS_OFFL_SIR_LRM_1B_20220404T161302_20220404T161446_E001 CS_OFFL_SIR_LRM_1B_20220404T161630_20220404T161948_E001 CS_OFFL_SIR_LRM_1B_20220404T164228_20220404T164737_E001 CS_OFFL_SIR_LRM_1B_20220404T172907_20220404T172942_E001 CS_OFFL_SIR_LRM_1B_20220404T172949_20220404T173015_E001 CS_OFFL_SIR_LRM_1B_20220404T183346_20220404T184934_E001 CS_OFFL_SIR_LRM_1B_20220404T190744_20220404T190819_E001 CS_OFFL_SIR_LRM_1B_20220404T190822_20220404T190847_E001 CS_OFFL_SIR_LRM_1B_20220404T190851_20220404T190910_E001 CS_OFFL_SIR_LRM_1B_20220404T190915_20220404T190932_E001 CS_OFFL_SIR_LRM_1B_20220404T190936_20220404T191004_E001 CS_OFFL_SIR_LRM_1B_20220404T191008_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T191088_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T191088_20220404T1915550_E001 CS_OFFL_SIR_LRM_1B_20220404T201351_20220404T202552_E001 CS_OFFL_SIR_LRM_1B_20220404T201245_20220404T203938_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_20220404T161302_20220404T161446_E001 CS_OFFL_SIR_LRM_1B_20220404T161630_20220404T161948_E001 CS_OFFL_SIR_LRM_1B_20220404T164228_20220404T164737_E001 CS_OFFL_SIR_LRM_1B_20220404T172907_20220404T172942_E001 CS_OFFL_SIR_LRM_1B_20220404T172949_20220404T173015_E001 CS_OFFL_SIR_LRM_1B_20220404T183346_20220404T184934_E001 CS_OFFL_SIR_LRM_1B_20220404T190744_20220404T190819_E001 CS_OFFL_SIR_LRM_1B_20220404T190822_20220404T190847_E001 CS_OFFL_SIR_LRM_1B_20220404T190851_20220404T190910_E001 CS_OFFL_SIR_LRM_1B_20220404T190915_20220404T190932_E001 CS_OFFL_SIR_LRM_1B_20220404T190936_20220404T191004_E001 CS_OFFL_SIR_LRM_1B_20220404T191008_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T191088_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T191088_20220404T195550_E001 CS_OFFL_SIR_LRM_1B_20220404T194158_20220404T200552_E001 CS_OFFL_SIR_LRM_1B_20220404T201245_20220404T202812_E001 CS_OFFL_SIR_LRM_1B_20220404T201245_20220404T203938_E001 CS_OFFL_SIR_LRM_1B_20220404T203015_20220404T204520_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_20220404T161302_20220404T161446_E001 CS_OFFL_SIR_LRM_1B_20220404T161630_20220404T161948_E001 CS_OFFL_SIR_LRM_1B_20220404T164228_20220404T164737_E001 CS_OFFL_SIR_LRM_1B_20220404T172907_20220404T172942_E001 CS_OFFL_SIR_LRM_1B_20220404T172949_20220404T173015_E001 CS_OFFL_SIR_LRM_1B_20220404T183346_20220404T184934_E001 CS_OFFL_SIR_LRM_1B_20220404T190744_20220404T190819_E001 CS_OFFL_SIR_LRM_1B_20220404T190821_20220404T190847_E001 CS_OFFL_SIR_LRM_1B_20220404T190851_20220404T190910_E001 CS_OFFL_SIR_LRM_1B_20220404T190915_20220404T190932_E001 CS_OFFL_SIR_LRM_1B_20220404T190936_20220404T191004_E001 CS_OFFL_SIR_LRM_1B_20220404T191008_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T191088_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T194158_20220404T195550_E001 CS_OFFL_SIR_LRM_1B_20220404T203051_20220404T202552_E001 CS_OFFL_SIR_LRM_1B_20220404T201245_20220404T203938_E001 CS_OFFL_SIR_LRM_1B_20220404T204230_20220404T203938_E001 CS_OFFL_SIR_LRM_1B_20220404T204230_20220404T204520_E001 CS_OFFL_SIR_LRM_1B_20220404T204230_20220404T204520_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_20220404T161302_20220404T161446_E001 CS_OFFL_SIR_LRM_1B_20220404T161630_20220404T161948_E001 CS_OFFL_SIR_LRM_1B_20220404T164228_20220404T164737_E001 CS_OFFL_SIR_LRM_1B_20220404T172907_20220404T172942_E001 CS_OFFL_SIR_LRM_1B_20220404T172949_20220404T173015_E001 CS_OFFL_SIR_LRM_1B_20220404T183346_20220404T184934_E001 CS_OFFL_SIR_LRM_1B_20220404T190744_20220404T190819_E001 CS_OFFL_SIR_LRM_1B_20220404T190822_20220404T190847_E001 CS_OFFL_SIR_LRM_1B_20220404T190851_20220404T190932_E001 CS_OFFL_SIR_LRM_1B_20220404T190915_20220404T191004_E001 CS_OFFL_SIR_LRM_1B_20220404T190936_20220404T19104_E001 CS_OFFL_SIR_LRM_1B_20220404T191008_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T19108_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T194158_20220404T195550_E001 CS_OFFL_SIR_LRM_1B_20220404T20351_20220404T200552_E001 CS_OFFL_SIR_LRM_1B_20220404T201245_20220404T202812_E001 CS_OFFL_SIR_LRM_1B_20220404T203015_20220404T203938_E001 CS_OFFL_SIR_LRM_1B_20220404T204230_20220404T204520_E001 CS_OFFL_SIR_LRM_1B_20220404T204230_20220404T204526_E001 CS_OFFL_SIR_LRM_1B_20220404T204523_20220404T204526_E001 CS_OFFL_SIR_LRM_1B_20220404T204523_20220404T204531_E001 CS_OFFL_SIR_LRM_1B_20220404T204528_20220404T204531_E001 CS_OFFL_SIR_LRM_1B_20220404T204533_20220404T204536_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_20220404T161302_20220404T161446_E001 CS_OFFL_SIR_LRM_1B_20220404T161630_20220404T161948_E001 CS_OFFL_SIR_LRM_1B_20220404T164228_20220404T164737_E001 CS_OFFL_SIR_LRM_1B_20220404T172907_20220404T172942_E001 CS_OFFL_SIR_LRM_1B_20220404T172949_20220404T173015_E001 CS_OFFL_SIR_LRM_1B_20220404T183346_20220404T184934_E001 CS_OFFL_SIR_LRM_1B_20220404T190744_20220404T190819_E001 CS_OFFL_SIR_LRM_1B_20220404T190822_20220404T190847_E001 CS_OFFL_SIR_LRM_1B_20220404T190851_20220404T190932_E001 CS_OFFL_SIR_LRM_1B_20220404T190915_20220404T190932_E001 CS_OFFL_SIR_LRM_1B_20220404T190936_20220404T191004_E001 CS_OFFL_SIR_LRM_1B_20220404T191008_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T19108_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T194158_20220404T195550_E001 CS_OFFL_SIR_LRM_1B_20220404T203351_20220404T202521_E001 CS_OFFL_SIR_LRM_1B_20220404T203015_20220404T202812_E001 CS_OFFL_SIR_LRM_1B_20220404T203015_20220404T203938_E001 CS_OFFL_SIR_LRM_1B_20220404T204230_20220404T204520_E001 CS_OFFL_SIR_LRM_1B_20220404T204523_20220404T204526_E001 CS_OFFL_SIR_LRM_1B_20220404T204528_20220404T204526_E001 CS_OFFL_SIR_LRM_1B_20220404T204528_20220404T204526_E001 CS_OFFL_SIR_LRM_1B_20220404T204528_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204536_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_20220404T161302_20220404T161446_E001 CS_OFFL_SIR_LRM_1B_20220404T161630_20220404T161948_E001 CS_OFFL_SIR_LRM_1B_20220404T164228_20220404T164737_E001 CS_OFFL_SIR_LRM_1B_20220404T172907_20220404T172942_E001 CS_OFFL_SIR_LRM_1B_20220404T172949_20220404T173015_E001 CS_OFFL_SIR_LRM_1B_20220404T183346_20220404T184934_E001 CS_OFFL_SIR_LRM_1B_20220404T190744_20220404T190819_E001 CS_OFFL_SIR_LRM_1B_20220404T190822_20220404T190847_E001 CS_OFFL_SIR_LRM_1B_20220404T190851_20220404T190910_E001 CS_OFFL_SIR_LRM_1B_20220404T190915_20220404T190932_E001 CS_OFFL_SIR_LRM_1B_20220404T190936_20220404T191004_E001 CS_OFFL_SIR_LRM_1B_20220404T190086_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T191008_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T194158_20220404T195550_E001 CS_OFFL_SIR_LRM_1B_20220404T200351_20220404T200552_E001 CS_OFFL_SIR_LRM_1B_20220404T200351_20220404T202812_E001 CS_OFFL_SIR_LRM_1B_20220404T203015_20220404T203938_E001 CS_OFFL_SIR_LRM_1B_20220404T204520_2020404T204520_E001 CS_OFFL_SIR_LRM_1B_20220404T204523_20220404T204526_E001 CS_OFFL_SIR_LRM_1B_20220404T204528_20220404T204531_E001 CS_OFFL_SIR_LRM_1B_20220404T204528_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204536_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_20220404T161302_20220404T161446_E001 CS_OFFL_SIR_LRM_1B_20220404T161630_20220404T161948_E001 CS_OFFL_SIR_LRM_1B_20220404T164228_20220404T164737_E001 CS_OFFL_SIR_LRM_1B_20220404T172907_20220404T172942_E001 CS_OFFL_SIR_LRM_1B_20220404T172949_20220404T173015_E001 CS_OFFL_SIR_LRM_1B_20220404T183346_20220404T184934_E001 CS_OFFL_SIR_LRM_1B_20220404T190744_20220404T190819_E001 CS_OFFL_SIR_LRM_1B_20220404T190822_20220404T190847_E001 CS_OFFL_SIR_LRM_1B_20220404T190851_20220404T190847_E001 CS_OFFL_SIR_LRM_1B_20220404T190951_20220404T190932_E001 CS_OFFL_SIR_LRM_1B_20220404T190936_20220404T191004_E001 CS_OFFL_SIR_LRM_1B_20220404T191008_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T191088_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T194158_20220404T195550_E001 CS_OFFL_SIR_LRM_1B_20220404T200351_20220404T202552_E001 CS_OFFL_SIR_LRM_1B_20220404T201245_20220404T202812_E001 CS_OFFL_SIR_LRM_1B_20220404T203051_20220404T203938_E001 CS_OFFL_SIR_LRM_1B_20220404T204530_20220404T204520_E001 CS_OFFL_SIR_LRM_1B_20220404T204532_20220404T204526_E001 CS_OFFL_SIR_LRM_1B_20220404T204533_20220404T204531_E001 CS_OFFL_SIR_LRM_1B_20220404T204533_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204549_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204549_E001 CS_OFFL_SIR_LRM_1B_20220404T204551_20220404T204549_E001 CS_OFFL_SIR_LRM_1B_20220404T204551_20220404T204549_E001 CS_OFFL_SIR_LRM_1B_20220404T204551_20220404T204549_E001 CS_OFFL_SIR_LRM_1B_20220404T204551_20220404T204549_E001 CS_OFFL_SIR_LRM_1B_20220404T204551_20220404T204549_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_20220404T161302_20220404T161446_E001 CS_OFFL_SIR_LRM_1B_20220404T161630_20220404T161948_E001 CS_OFFL_SIR_LRM_1B_20220404T164228_20220404T164737_E001 CS_OFFL_SIR_LRM_1B_20220404T172907_20220404T172942_E001 CS_OFFL_SIR_LRM_1B_20220404T172949_20220404T173015_E001 CS_OFFL_SIR_LRM_1B_20220404T183346_20220404T184934_E001 CS_OFFL_SIR_LRM_1B_20220404T190744_20220404T190819_E001 CS_OFFL_SIR_LRM_1B_20220404T190822_20220404T190847_E001 CS_OFFL_SIR_LRM_1B_20220404T190851_20220404T190910_E001 CS_OFFL_SIR_LRM_1B_20220404T190951_20220404T190932_E001 CS_OFFL_SIR_LRM_1B_20220404T190936_20220404T191004_E001 CS_OFFL_SIR_LRM_1B_20220404T191008_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T191088_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T191085_20220404T19102550_E001 CS_OFFL_SIR_LRM_1B_20220404T201245_20220404T200552_E001 CS_OFFL_SIR_LRM_1B_20220404T201245_20220404T203938_E001 CS_OFFL_SIR_LRM_1B_20220404T204530_20220404T204520_E001 CS_OFFL_SIR_LRM_1B_20220404T204523_20220404T204526_E001 CS_OFFL_SIR_LRM_1B_20220404T204523_20220404T204526_E001 CS_OFFL_SIR_LRM_1B_20220404T204523_20220404T204531_E001 CS_OFFL_SIR_LRM_1B_20220404T204533_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T2045489_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T2045489_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T2045489_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T2045489_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T2045489_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T2045489_E001 CS_OFFL_SIR_LRM_1B_20220404T2045488_20220404T20454458_E00220404T2045445	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_20220404T161302_20220404T161446_E001 CS_OFFL_SIR_LRM_1B_20220404T161630_20220404T161948_E001 CS_OFFL_SIR_LRM_1B_20220404T164228_20220404T164737_E001 CS_OFFL_SIR_LRM_1B_20220404T172907_20220404T172942_E001 CS_OFFL_SIR_LRM_1B_20220404T172949_20220404T173015_E001 CS_OFFL_SIR_LRM_1B_20220404T183346_20220404T184934_E001 CS_OFFL_SIR_LRM_1B_20220404T190744_20220404T190819_E001 CS_OFFL_SIR_LRM_1B_20220404T190822_20220404T190847_E001 CS_OFFL_SIR_LRM_1B_20220404T190851_20220404T190847_E001 CS_OFFL_SIR_LRM_1B_20220404T190951_20220404T190932_E001 CS_OFFL_SIR_LRM_1B_20220404T190936_20220404T191004_E001 CS_OFFL_SIR_LRM_1B_20220404T191008_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T191088_20220404T191012_E001 CS_OFFL_SIR_LRM_1B_20220404T194158_20220404T195550_E001 CS_OFFL_SIR_LRM_1B_20220404T200351_20220404T202552_E001 CS_OFFL_SIR_LRM_1B_20220404T201245_20220404T202812_E001 CS_OFFL_SIR_LRM_1B_20220404T203051_20220404T203938_E001 CS_OFFL_SIR_LRM_1B_20220404T204530_20220404T204520_E001 CS_OFFL_SIR_LRM_1B_20220404T204532_20220404T204526_E001 CS_OFFL_SIR_LRM_1B_20220404T204533_20220404T204531_E001 CS_OFFL_SIR_LRM_1B_20220404T204533_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204536_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204549_E001 CS_OFFL_SIR_LRM_1B_20220404T204538_20220404T204549_E001 CS_OFFL_SIR_LRM_1B_20220404T204551_20220404T204549_E001 CS_OFFL_SIR_LRM_1B_20220404T204551_20220404T204549_E001 CS_OFFL_SIR_LRM_1B_20220404T204551_20220404T204549_E001 CS_OFFL_SIR_LRM_1B_20220404T204551_20220404T204549_E001 CS_OFFL_SIR_LRM_1B_20220404T204551_20220404T204549_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_20220404T213446_20220404T213842_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T214159_20220404T214956_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T221536_20220404T221658_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T222047_20220404T222201_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T222205_20220404T222212_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T222215_20220404T2222219_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T222221_20220404T222237_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T222239_20220404T222342_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T222344_20220404T222410_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T222413_20220404T222414_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T222417_20220404T222419_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T222421_20220404T222428_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T222430_20220404T222933_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T224414_20220404T225403_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T225406_20220404T225423_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T225426_20220404T231759_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T232306_20220404T232845_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220404T233134_20220404T235638_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.

imber 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:

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.

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220404T073412_20220404T073823_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_SAR_220220404T000808_20220404T000946_E001		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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CS_OFFL_SIR_SAR_2_20220404T002050_20220404T002146_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_20220404T005724_20220404T005851_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_220220404T011823_20220404T011948_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_220220404T014717_20220404T014921_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_220220404T020034_20220404T020043_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_220220404T022141_20220404T022206_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_220220404T022740_20220404T022845_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_220220404T022957_20220404T023004_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_220220404T023007_20220404T023142_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_220220404T023501_20220404T023531_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_20220404T023630_20220404T023710_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_220220404T023911_20220404T023958_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 _20220404T032619_20220404T032910_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220404T033850_20220404T033929_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_220220404T034222_20220404T034421_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_220220404T034656_20220404T035013_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_220220404T035017_20220404T035024_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 20220404T035027 20220404T035036 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 20220404T040702 20220404T040725 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 20220404T040801 20220404T040103 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
	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_20220404T041209_20220404T041345_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_220220404T044028_20220404T044314_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_220220404T050534_20220404T050650_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_220220404T051226_20220404T051233_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_220220404T051806_20220404T051842_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_220220404T053148_20220404T053336_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_220220404T054611_20220404T055325_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_220220404T055325_20220404T055431_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220404T055520_20220404T055524_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_220220404T055534_20220404T055617_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_220220404T060910_20220404T061153_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_220220404T064404_20220404T064434_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_220220404T065125_20220404T065131_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_220220404T065138_20220404T065144_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_220220404T065613_20220404T065904_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_220220404T065922_20220404T070226_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_220220404T073235_20220404T073238_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_220220404T074918_20220404T074943_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_220220404T074944_20220404T074957_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_220220404T074959_20220404T075007_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_220220404T075009_20220404T075019_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_220220404T075021_20220404T075134_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_220220404T075136_20220404T075158_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_20220404T075205_20220404T075228_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_20220404T080547_20220404T080751_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_20220404T082328_20220404T082340_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_20220404T083024_20220404T083030_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_220220404T083038_20220404T083043_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220404T083446_20220404T083823_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_220220404T083823_20220404T083942_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
	1	falls outside of the extent of the current snow depth model

		l - 1
CS_OFFL_SIR_SAR_2_20220404T085412_20220404T085624_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_20220404T090815_20220404T090933_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_220220404T091113_20220404T091231_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_220220404T091528_20220404T091619_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_220220404T093904_20220404T094329_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_220220404T094521_20220404T094750_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_220220404T100220_20220404T100238_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_220220404T100935_20220404T100942_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_220220404T104955_20220404T105209_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_220220404T111715_20220404T111751_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_20220404T113916_20220404T113926_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_220220404T114157_20220404T114251_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_20220404T115428_20220404T115502_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220404T132126_20220404T132135_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_220220404T133319_20220404T133507_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 20220404T141108 20220404T141113 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 20220404T142053 20220404T142547 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 20220404T142944 20220404T143142 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 20220404T143241 20220404T143310 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
	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_20220404T145126_20220404T145454_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_220220404T150110_20220404T150150_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_220220404T151159_20220404T151424_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_220220404T154807_20220404T154850_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_220220404T154911_20220404T155026_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_220220404T155037_20220404T155832_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220404T160052_20220404T160150_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_220220404T160409_20220404T160730_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_220220404T160931_20220404T161302_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_220220404T164027_20220404T164107_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_220220404T165048_20220404T165333_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_220220404T172745_20220404T172906_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_220220404T173732_20220404T174136_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_220220404T174201_20220404T175215_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_220220404T181509_20220404T181808_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_220220404T181833_20220404T182158_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_220220404T183212_20220404T183345_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_220220404T184935_20220404T184943_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_220220404T184945_20220404T185054_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_220220404T185154_20220404T185543_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_220220404T190249_20220404T190744_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_220220404T192212_20220404T192249_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_220220404T194039_20220404T194158_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_20220404T195550_20220404T200115_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_20220404T201234_20220404T201245_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_220220404T202813_20220404T203014_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220404T210038_20220404T210458_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 20220404T210544 20220404T210719 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 20220404T215145 20220404T215211 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 20220404T220721 20220404T221206 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_20220404T221207_20220404T221323_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
55_5 <u>2_011_0/111_2_2022</u> 04041221201_202204041221020_E001	CHOW depth model	falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_220220404T221330_20220404T221403_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_220220404T221404_20220404T221502_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_220220404T221508_20220404T221511_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_220220404T221512_20220404T221522_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_220220404T221525_20220404T221536_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_20220404T224147_20220404T224414_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_20220404T231759_20220404T231843_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_20220404T233108_20220404T233133_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SIN_2_20220404T014922_20220404T015316_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220404T032910_20220404T033223_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220404T050650_20220404T051105_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220404T083226_20220404T083445_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220404T101124_20220404T101600_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220404T164737_20220404T165047_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220404T182159_20220404T182440_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220404T182641_20220404T183211_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220404T200115_20220404T200351_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors: 236

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220404T002146_20220404T004749_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220404T011700_20220404T011823_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_220220404T011948_20220404T014717_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_220220404T020044_20220404T022141_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_220220404T022351_20220404T022740_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_220220404T022845_20220404T022956_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_220220404T023812_20220404T023911_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_220220404T025137_20220404T032619_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_220220404T034421_20220404T034656_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_220220404T040725_20220404T040800_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_220220404T041508_20220404T041911_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_20220404T043150_20220404T044028_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_220220404T044314_20220404T050534_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_220220404T051842_20220404T053148_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_220220404T053336_20220404T054052_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

COUNTLINE LANGUAGE TOO SHAPE TO SOME AND THE TOTAL AND THE	CS_OFFL_SIR_LRM_2_20220404T054134_20220404T054610_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
COUNTY AND THE CONTROL OF THE CONTRO	CS_OFFL_SIR_LRM_2_20220404T055524_20220404T055534_E001	(Retracker 3), Backscatter Error	
Section 1991 - Acception 1992 - Acceptio	CS_OFFL_SIR_LRM_2_20220404T061153_20220404T064404_E001	(Retracker 3), Backscatter Error	
Interformation (Section 1) (Se	CS_OFFL_SIR_LRM_220220404T070227_20220404T073234_E001		
Co. OFFL. SRIL LEW 2_202004F109043_002046F109050_0000 Fig. Co. OFFL. SRIL LEW 2_2022046F109043_00000 Fig. Co. OFFL. SRIL LEW 2_2022046F109045_0000 Fig. Co. OFFL. SRIL LEW 2_2022046F10906_0000 Fig. Co. OFFL. SRIL LEW 2_2022046F119060_0000 Fig. Co. OFFL. SRIL LEW 2_2022046F119060_00000 Fig. Co. OFFL. SRIL LEW 2_2022046F119060_0000 Fig. Co. OFFL. SRIL LEW 2_2022046F119060_00000 Fig. Co. OFFL. SRIL LEW 2_2022046F119060_00000 Fig. Co. OFFL. SRIL LEW 2_2022046F119060_000000 Fig. Co. OFFL. SRIL LEW 2_2022046F119060_00000 Fig. Co. OFFL. SRIL LEW 2_2022046F119060_00000 Fig. Co. OFFL. SRIL LEW 2_2022046F119060_000000000000000000000000000000000	CS_OFFL_SIR_LRM_220220404T075335_20220404T080547_E001		
Ency (Manusche 7) Figure (Man	CS_OFFL_SIR_LRM_220220404T080751_20220404T082328_E001	(Retracker 3), Backscatter Error	
CS. OFF., SR. LRM 2. 20200401700024 20200401710201 (2010) CR. OFF., SR. LRM 2. 20200401700033 20200401701113 (2011) Lever reference 2.) Suction consideration of the control of the cont	CS_OFFL_SIR_LRM_220220404T083943_20220404T085005_E001		
CS_OFF_SIL_LEM	CS_OFFL_SIR_LRM_220220404T085624_20220404T090815_E001	(Retracker 3), Backscatter Error	
English Limb 2_202044110001_202044110001_Elion	CS_OFFL_SIR_LRM_220220404T090933_20220404T091113_E001	Error (Retracker 2), Surface model	
S. OFFL_SRL_RM_2_20220404T191091_20220404T191092_ED01 Serior (Prevalence 2) Backscatter Entry (Revalence 2) Backscatter Entry (Revalence 2) Backscatter Entry (Revalence 2) Backscatter Entry (Revalence 2) Backscatter Reverse 3) B	CS_OFFL_SIR_LRM_220220404T094329_20220404T094521_E001		
Error (Retroduce 2) Surface Model Unavailable There is a height and backcoatter error for Retracker 2 and a height error (Retracker 3) Enablement of Retracker 3 and a height error (Retracker 3) Enablement of Retracker 2 and a height error (Retracker 3) Enablement of Retracker 2 and a height error (Retracker 3) Enablement of Retracker 3 and a height error (Retracker 3) Enablement of Retracker 3 and a height error (Retracker 3) Enablement of Retracker 3 and a height error (Retracker 3) Enablement of Retracker 3 for one or more records Surface Model Unavailable Surface Model Unavailable Surface Model Unavailable Surface Model Unavailable There is a height and backcoatter error for Retracker 2 for one or more records surface Model Unavailable for Retracker 2, Backscatter Error (Retroacker 2) Enablement of Retracker 3 for one or more records Surface Model Unavailable for Retroacker 3 for Green or more records Surface Model Unavailable for Retroacker 3 for Green or more records Surface Model Unavailable for Retroacker 3 for Green or more records Surface Model Unavailable for Retracker 2 for Green or more records Surface Model Unavailable for Retracker 2 for Green or more records Surface Model Unavailable for Retracker 2 for Green or more records Surface Model	CS_OFFL_SIR_LRM_220220404T094751_20220404T100219_E001		
Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter error for Retracker 2 and a height error for Retracker 2 and a height error for Retracker 2 and a height error for Retracker 3 for one or more records (Retracker 2) and a height error for Retracker 2 for one or more records (Retracker 2) (Ret	CS_OFFL_SIR_LRM_220220404T101601_20220404T104955_E001		
CS_OFFL_SR_LRM_2_20220404T11956_2001 CS_OFFL_SR_LRM_2_20220404T19502_20220404T19502_E001 CS_OFFL_SR_LRM_2_20220404T19502_20220404T19502_E001 CS_OFFL_SR_LRM_2_20220404T19502_20220404T19502_E001 CS_OFFL_SR_LRM_2_20220404T19502_20220404T19502_E001 CS_OFFL_SR_LRM_2_20220404T19502_E001 CS_OFFL_SR_LRM_2_20220404T19505_E001 CS_OFFL_SR	CS_OFFL_SIR_LRM_220220404T110402_20220404T111150_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Error (Retracker 2). Height Error (Retracker 2). Height Error (Retracker 2). Height Error (Retracker 2). Backscratter Error (Retracker 2). Bac	CS_OFFL_SIR_LRM_220220404T111751_20220404T113916_E001	(Retracker 3), Backscatter Error	
(Retracker 2). Backscatter Error (Retracker 3) and social error for Retracker 2 for one or more records. CS_OFFL_SIR_LRM_2_20220404T1494832_80220404T140929_E001 Error (Retracker 2). Backscatter Er	CS_OFFL_SIR_LRM_220220404T113926_20220404T114156_E001		
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20220404T143142_20220404T144926_E001 Height Error (Retracker 2) Backscatter Flore (Ret	CS_OFFL_SIR_LRM_220220404T115502_20220404T122415_E001	(Retracker 3), Backscatter Error	
Error (Retracker 2) Error	CS_OFFL_SIR_LRM_220220404T124632_20220404T132126_E001		
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20220404T14310_20220404T15425_20220404T154807_E001 Height Error (Retracker 2). Backscatter E	CS_OFFL_SIR_LRM_220220404T133507_20220404T140929_E001		
Error (Retracker 2) Height Error (Retracker 2). Backscatter Error (Retracker 2) and a beight and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220404T160730_20220404T160759_E001 ES_OFFL_SIR_LRM_2_20220404T160730_20220404T160759_E001 ES_OFFL_SIR_LRM_2_20220404T160730_20220404T160759_E001 ES_OFFL_SIR_LRM_2_20220404T160730_20220404T16446_E001 Error (Retracker 2). Backscatter Error (Retracker	CS_OFFL_SIR_LRM_220220404T143142_20220404T143226_E001		
Error (Retracker 2). Surface model unavailable CS_OFFL_SIR_LRM_2_20220404T160730_20220404T160799_E001 Error (Retracker 2). Backscatter Error (Retracker 3). Backscatter Error (Retracker 2). Backsca	CS_OFFL_SIR_LRM_220220404T143310_20220404T144159_E001		
Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20220404T161302_20220404T164026_E001	CS_OFFL_SIR_LRM_220220404T151425_20220404T154807_E001	Error (Retracker 2), Surface model	
Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20220404T162113_20220404T164026_E001	CS_OFFL_SIR_LRM_220220404T160730_20220404T160759_E001		
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20220404T165333_20220404T172744_E001 Error (Retracker 2), Backscatter Error (Retracker 2), Bight Error (Retracker 2), Bight Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter E	CS_OFFL_SIR_LRM_220220404T161302_20220404T161446_E001		
Error (Retracker 2) Error (Retracker 2) Error (Retracker 2) From (Retracker 2) Error (Retracker 2) From (Retracker 3) From is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records From (Retracker 2) From (Retracker 2) From (Retracker 2) From (Retracker 2) From (Retracker 3) From is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records From (Retracker 2) From is a height and backscatter error for Retracker 2 for one or more records From (Retracker 2) From (Retracker 2) From (Retracker 2) From (Retracker 2) From is a height and backscatter error for Retracker 2 for one or more records From (Retracker 2) From (Retracker 2) From (Retracker 2) From is a height and backscatter error for Retracker 2 for one or more records From (Retracker 2) From is a height and backscatter error for Retracker 2 for one or more records From (Retracker 2) From is a height and backscatter error for Retracker 2 for one or more records From (Retracker 2) From is a height and backscatter error for Retracker 2 for one or more records From is a height and backscatter error for Retracker 2 for one or more records From is a height and backscatter error for Retracker 2 for one or more records From is a height and backscatter error for Retracker 2 for one or more records From is a height and backscatter error for Retracker 2 for one or more records From is a height and backscatter error for Retracker 2 for one or more records From is a height and backscatter error for Retracker 2 for one or more records From is a height and backscatter error for Retracker	CS_OFFL_SIR_LRM_220220404T162113_20220404T164026_E001		
CS_OFFL_SIR_LRM_2_20220404T175215_20220404T18508_E001	CS_OFFL_SIR_LRM_220220404T165333_20220404T172744_E001	Error (Retracker 2)	
CS_OFFL_SIR_LRM_2_20220404T181508_E001 (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20220404T183346_20220404T184934_E001 Height Error (Retracker 2), Backscatter Error (Re	CS_OFFL_SIR_LRM_220220404T175215_20220404T175635_E001	(Retracker 3), Backscatter Error	
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20220404T185544_20220404T190248_E001 Error (Retracker 2), Backscatter records There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220404T192249_20220404T194038_E001 Error (Retracker 2), Backscatter records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records CS_OFFL_SIR_LRM_2_20220404T203015_20220404T203938_E001 Error (Retracker 2), Backscatter error for Retracker 2 and a height error (Retracker 2), Backscatter error for Retracker 2 and a height error for Retracker 2 and a height error for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20220404T203015_20220404T203938_E001 Error (Retracker 2), Backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220220404T175732_20220404T181508_E001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20220404T192249_20220404T194038_E001	CS_OFFL_SIR_LRM_220220404T183346_20220404T184934_E001		
CS_OFFL_SIR_LRM_2_20220404T194158_20220404T195550_E001	CS_OFFL_SIR_LRM_220220404T185544_20220404T190248_E001		
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20220404T201245_20220404T202812_E001 CS_OFFL_SIR_LRM_2_20220404T203015_20220404T203938_E001 CS_OFFL_SIR_LRM_2_20220404T203015_20220404T203938_E001 CS_OFFL_SIR_LRM_2_20220404T203015_20220404T203938_E001 CS_OFFL_SIR_LRM_2_20220404T203015_20220404T203938_E001 Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3) for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 2 and a height error for Retracker 2 for one or more	CS_OFFL_SIR_LRM_220220404T192249_20220404T194038_E001		
CS_OFFL_SIR_LRM_2_20220404T201245_20220404T202812_E001 Error (Retracker 2), Surface model unavailable CS_OFFL_SIR_LRM_2_20220404T203015_20220404T203938_E001 CS_OFFL_SIR_LRM_2_20220404T203015_20220404T203938_E001 CS_OFFL_SIR_LRM_2_20220404T203015_20220404T203938_E001 CS_OFFL_SIR_LRM_2_20220404T203015_20220404T203938_E001 Height Error (Retracker 2), Height Error (Retracker 3) Backscatter Error (Retracker 3) for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 2 and a height error for Retracker 2) Backscatter There is a height and backscatter error for Retracker 2 and a height error for Retracker 2	CS_OFFL_SIR_LRM_220220404T194158_20220404T195550_E001		
CS_OFFL_SIR_LRM_2_20220404T203015_20220404T203938_E001 (Retracker 3), Backscatter Error (Retracker 2) Inere is a neight and backscatter error for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20220404T210548_20220404T210543_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more	CS_OFFL_SIR_LRM_220220404T201245_20220404T202812_E001	Error (Retracker 2), Surface model	
	CS_OFFL_SIR_LRM_220220404T203015_20220404T203938_E001	(Retracker 3), Backscatter Error	
	CS_OFFL_SIR_LRM_220220404T210458_20220404T210543_E001		

CS_OFFL_SIR_LRM_220220404T210719_20220404T211838_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_20220404T213446_20220404T213842_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220404T215212_20220404T220720_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_220220404T224414_20220404T225403_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_20220404T225426_20220404T231759_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_20220404T232306_20220404T232845_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220404T233134_20220404T235638_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_SAR_220220404T000808_20220404T000946_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T002050_20220404T002146_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T005724_20220404T005851_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T005926_20220404T010124_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T010140_20220404T010708_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T011823_20220404T011948_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T014717_20220404T014921_E001	Backscatter Error (Retracker 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_20220404T020034_20220404T020043_E001	Backscatter Error (Retracker 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_20220404T022740_20220404T022845_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T023007_20220404T023142_E001	Backscatter Error (Retracker 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_20220404T023911_20220404T023958_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T024014_20220404T024023_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T024050_20220404T024842_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T032619_20220404T032910_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T033850_20220404T033929_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T034222_20220404T034421_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T034656_20220404T035013_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T040702_20220404T040725_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T040801_20220404T041003_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T041209_20220404T041345_E001	Backscatter Error (Retracker 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_20220404T044028_20220404T044314_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T050534_20220404T050650_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T051806_20220404T051842_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T053148_20220404T053336_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T054611_20220404T055325_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T055325_20220404T055431_E001	Backscatter Error (Retracker 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_20220404T055534_20220404T055617_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

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CE_OFF_SR_BAR_2_P200046704444_EDOS CE_OFF_SR_BAR_2_P200046704444_EDOS CE_OFF_SR_BAR_2_P200046704044_EDOS CE_OFF_SR_BAR_2_P20004670404_EDOS CE_OFF_SR_BAR_2_P200046704044_EDOS CE_OFF_SR_BAR_2_P200046704044_E	CS_OFFL_SIR_SAR_220220404T060020_20220404T060754_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Digital Control (1997) According to the property of the control of of the contr	CS_OFFL_SIR_SAR_220220404T060910_20220404T061153_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Section From (Finderschaft) COLONIA SINCE	CS_OFFL_SIR_SAR_2_20220404T064404_20220404T064434_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Decomplet from (Detectore 12) Decomp	CS_OFFL_SIR_SAR_2_20220404T065613_20220404T065904_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Secondaries from (Peterson 2) CS_OFFL_SR_SAR_2_2022040170317, 20220401703402_EDD1 Secondaries from (Peterson 2) Secondari	CS_OFFL_SIR_SAR_220220404T065922_20220404T070226_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Bescheller für (Perioner 2), Debeter für (Pe	CS_OFFL_SIR_SAR_2_20220404T073235_20220404T073238_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Residence Fire (Returbed 2) Residence Fire (CS_OFFL_SIR_SAR_2_20220404T073917_20220404T074457_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Sobscotter Free (Retouter 2) There is a basiscotter error for Retouter 2 and 3 for one or more records Sobscotter Free (Retouter 2) There is a basiscotter error for Retouter 2 and 3 for one or more records Sobscotter Free (Retouter 2) There is a basiscotter error for Retouter 2 and 3 for one or more records Sobscotter Free (Retouter 2) There is a basiscotter error for Retouter 2 and 3 for one or more records Sobscotter Free (Retouter 2) There is a basiscotter error for Ret	CS_OFFL_SIR_SAR_2_20220404T074515_20220404T074532_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Sescenter from (Perceiver 3) Car., DFFL_SRR_SAR_2_2022644780229_2022644780202_E001 Sescenter from (Perceiver 2) Sescenter from (Perceiver 3) There is a bedeauter error for Retroder 2 and 3 for one or more records Sescenter from (Perceiver 3) There is a bedeauter error for Retroder 2 and 3 for one or more records Sescenter from (Perceiver 3) There is a bedeauter error for Retroder 2 and 3 for one or more records Sescenter from (Perceiver 3) There is a bedeauter error for Retroder 2 and 3 for one or more records Sescenter from (Perceiver 3) There is a bedeauter error for Retroder 2 and 3 for one or more records Sescenter from (Perceiver 3) There is a bedeauter error for Retroder 2 and 3 for one or more records Sescenter from (Perceiver 2) There is a bedeauter er	CS_OFFL_SIR_SAR_2_20220404T074546_20220404T074642_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retrocker 3) There is a backscatter arror for Retrocker 2 and 3 for one or more records Sectional Form (Retrocker 2) Backscatter Error (Retrocker 3) Backscatter Error (Retrocke	CS_OFFL_SIR_SAR_2_20220404T075021_20220404T075134_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscotter Fror (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T080442_0220404T080452_E001 Sackscotter Fror (Retracker 3) Sackscotter Fror (Retracker 2) Sackscotter Fror (Retracker 3) Sackscotter Fror (Retracker 2) Sacksco	CS_OFFL_SIR_SAR_2_20220404T080547_20220404T080751_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscottle Error (Retrocker 3) Backscottle Error (Retrocker 2), there is a backscottle error for Retrocker 2 and 3 for one or more records backscottle error (Retrocker 2), backscottle error (Retro	CS_OFFL_SIR_SAR_2_20220404T082328_20220404T082340_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Fror (Retracker 2)	CS_OFFL_SIR_SAR_2_20220404T083446_20220404T083823_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter From (Retracker 2)	CS_OFFL_SIR_SAR_2_20220404T083823_20220404T083942_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2). Backsc	CS_OFFL_SIR_SAR_2_20220404T090815_20220404T090933_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2).	CS_OFFL_SIR_SAR_2_20220404T091113_20220404T091231_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Source So	CS_OFFL_SIR_SAR_2_20220404T091528_20220404T091619_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Sackscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3)	CS_OFFL_SIR_SAR_2_20220404T091835_20220404T092522_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3	CS_OFFL_SIR_SAR_2_20220404T093904_20220404T094329_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Fror (Retracker 2). Backscatter Fror (Retracker 3). Backscatter Fror (Retracker 3)	CS_OFFL_SIR_SAR_2_20220404T094521_20220404T094750_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 3	CS_OFFL_SIR_SAR_2_20220404T100220_20220404T100238_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T113916_20220404T113926_E001 Backscatter Error (Retracker 2) Backscatter Error (Retracker 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_20220404T115502_E001 Backscatter Error (Retracker 2) Backscatter Error (Retracker 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_20220404T115502_E001 Backscatter Error (Retracker 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_20220404T124234_E001 Backscatter Error (Retracker 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_20220404T124234_20220404T124234_E001 Backscatter Error (Retracker 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_20220404T132126_20220404T132135_E001 Backscatter Error (Retracker 2) Backscatter Error (Retracker 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_20220404T133319_20220404T133507_E001 Backscatter Error (Retracker 2) Backscatter	CS_OFFL_SIR_SAR_2_20220404T104955_20220404T105209_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 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_20220404T114157_20220404T114251_E001 Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracke	CS_OFFL_SIR_SAR_2_20220404T105656_20220404T110213_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T124234_20220404T124510_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T124234_20220404T124510_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retrack	CS_OFFL_SIR_SAR_2_20220404T110247_20220404T110402_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T123505_20220404T124234_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T124234_20220404T124234_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T124234_20220404T124510_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T132135_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T132135_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T133319_20220404T133507_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T14253_20220404T142027_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T142053_20220404T142047_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T142053_20220404T142547_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T142053_20220404T142547_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T142053_20220404T142547_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T142053_20220404T142547_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_2_20220404T113916_20220404T113926_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T124234_20220404T124510_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T132126_20220404T132135_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T132126_20220404T132135_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T133319_20220404T133507_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T141253_20220404T142027_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T14203_20220404T142047_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T14203_20220404T142547_E001 Backscatter Error (Retracker 2), Backsc	CS_OFFL_SIR_SAR_2_20220404T114157_20220404T114251_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T124234_20220404T124510_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T132126_20220404T132135_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T133319_20220404T133507_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T141253_20220404T142027_E001 Backscatter Error (Retracker 2), Backsca	CS_OFFL_SIR_SAR_2_20220404T115428_20220404T115502_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T132126_20220404T132135_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T133319_20220404T133507_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T141253_20220404T142027_E001 Backscatter Error (Retracker 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_20220404T141253_20220404T142027_E001 Backscatter Error (Retracker 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_20220404T142053_20220404T142547_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 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_20220404T142053_20220404T142547_E001 Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T142044_20220404T142547_E001 Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_2_20220404T123505_20220404T124234_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T132135_E001 Backscatter Error (Retracker 2), Error	CS_OFFL_SIR_SAR_2_20220404T124234_20220404T124510_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T14253_20220404T142027_E001 Backscatter Error (Retracker 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_20220404T142053_20220404T142547_E001 Backscatter Error (Retracker 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_20220404T142053_20220404T142547_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220404T142044_20220404T142547_E001 Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_2_20220404T132126_20220404T132135_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404T142053_20220404T142547_E001 Backscatter Error (Retracker 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_20220404T142053_20220404T142547_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_2_20220404T133319_20220404T133507_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220404114203_202204041142047_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_2_20220404T141253_20220404T142027_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_2_20220404T142053_20220404T142547_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_2_20220404T142944_20220404T143142_E001	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220220404T145126_20220404T145454_E001	Backscatter Error (Retracker 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_20220404T150110_20220404T150150_E001	Backscatter Error (Retracker 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_20220404T151159_20220404T151424_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T154807_20220404T154850_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T154911_20220404T155026_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T155037_20220404T155832_E001	Backscatter Error (Retracker 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_20220404T155833_20220404T155955_E001	Backscatter Error (Retracker 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_20220404T160052_20220404T160150_E001	Backscatter Error (Retracker 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_20220404T160409_20220404T160730_E001	Backscatter Error (Retracker 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_20220404T160931_20220404T161302_E001	Backscatter Error (Retracker 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_20220404T164027_20220404T164107_E001	Backscatter Error (Retracker 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_20220404T165048_20220404T165333_E001	Backscatter Error (Retracker 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_20220404T172745_20220404T172906_E001	Backscatter Error (Retracker 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_20220404T173104_20220404T173731_E001	Backscatter Error (Retracker 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_20220404T173732_20220404T174136_E001	Backscatter Error (Retracker 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_20220404T174201_20220404T175215_E001	Backscatter Error (Retracker 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_20220404T181509_20220404T181808_E001	Backscatter Error (Retracker 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_20220404T181833_20220404T182158_E001	Backscatter Error (Retracker 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_20220404T183212_20220404T183345_E001	Backscatter Error (Retracker 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_20220404T184935_20220404T184943_E001	Backscatter Error (Retracker 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_20220404T184945_20220404T185054_E001	Backscatter Error (Retracker 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_20220404T185154_20220404T185543_E001	Backscatter Error (Retracker 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_20220404T190249_20220404T190744_E001	Backscatter Error (Retracker 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_20220404T191034_20220404T191137_E001	Backscatter Error (Retracker 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_20220404T191207_20220404T191625_E001	Backscatter Error (Retracker 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_20220404T191626_20220404T191734_E001	Backscatter Error (Retracker 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_20220404T192212_20220404T192249_E001	Backscatter Error (Retracker 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_20220404T194039_20220404T194158_E001	Backscatter Error (Retracker 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_20220404T195550_20220404T200115_E001	Backscatter Error (Retracker 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_20220404T201234_20220404T201245_E001	Backscatter Error (Retracker 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_20220404T202813_20220404T203014_E001	Backscatter Error (Retracker 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_20220404T205002_20220404T205223_E001	Backscatter Error (Retracker 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_20220404T205223_20220404T205638_E001	Backscatter Error (Retracker 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_20220404T210038_20220404T210458_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220220404T210544_20220404T210719_E001	Backscatter Error (Retracker 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_20220404T215145_20220404T215211_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T220721_20220404T221206_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T221207_20220404T221323_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T222934_20220404T223557_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T224147_20220404T224414_E001	Backscatter Error (Retracker 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_20220404T231759_20220404T231843_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220404T233108_20220404T233133_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220404T000947_20220404T001111_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220404T001258_20220404T001358_E001	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_20220404T001829_20220404T002050_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CC OFFI CID CIN 2 20000404T005054 20000404T005096 F004	track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was
CS_OFFL_SIR_SIN_220220404T005851_20220404T005926_E001	track Angle Error, Surface model unavailable	detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220404T010124_20220404T010139_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_220220404T010708_20220404T011700_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220404T014922_20220404T015316_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_220220404T015908_20220404T020034_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_220220404T023959_20220404T024014_E001	Backscatter Error (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_220220404T024023_20220404T024049_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_220220404T024842_20220404T024942_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_220220404T025023_20220404T025137_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_220220404T032910_20220404T033223_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_220220404T033740_20220404T033849_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_220220404T041003_20220404T041151_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_220220404T041345_20220404T041508_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_220220404T050650_20220404T051105_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_220220404T051641_20220404T051805_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_220220404T055431_20220404T055519_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_220220404T055617_20220404T060020_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_220220404T064434_20220404T064605_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_220220404T065427_20220404T065612_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_220220404T073238_20220404T073412_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_220220404T073823_20220404T073917_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_220220404T074458_20220404T074515_E001	Backscatter Error (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_220220404T074533_20220404T074546_E001	Backscatter Error (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_220220404T082340_20220404T082522_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_220220404T083055_20220404T083102_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220404T083226_20220404T083445_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_20220404T091232_20220404T091528_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_220220404T091620_20220404T091832_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_220220404T100238_20220404T100436_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_20220404T101124_20220404T101600_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_20220404T105303_20220404T105656_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220404T110214_20220404T110246_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220404T111151_20220404T111300_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_220220404T111350_20220404T111715_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_220220404T114251_20220404T114522_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_220220404T114853_20220404T114900_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220404T114909_20220404T114915_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220404T115244_20220404T115427_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_220220404T122425_20220404T123504_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_220220404T132135_20220404T132306_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_20220404T133143_20220404T133318_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_20220404T140929_20220404T141105_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220404T141150_20220404T141252_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_220220404T142027_20220404T142053_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_220220404T150150_20220404T150305_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_220220404T150841_20220404T151159_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_20220404T154851_20220404T154911_E001	Backscatter Error (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_220220404T155026_20220404T155037_E001	Backscatter Error (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_20220404T155955_20220404T160019_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_220220404T160026_20220404T160051_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220404T160249_20220404T160401_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220404T160855_20220404T160931_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records

CS_OFFL_SIR_SIN_220220404T161949_20220404T162112_E001	Backscatter Error (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_20220404T164107_20220404T164228_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_220220404T164737_20220404T165047_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_20220404T182159_20220404T182440_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_220220404T182641_20220404T183211_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_220220404T191137_20220404T191206_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_220220404T191735_20220404T192212_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_220220404T200115_20220404T200351_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_20220404T200552_20220404T200700_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220404T201054_20220404T201233_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_220220404T203938_20220404T204230_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_220220404T205639_20220404T205748_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_220220404T205900_20220404T210037_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_220220404T211859_20220404T213445_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_220220404T213843_20220404T214159_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_20220404T215003_20220404T215145_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_220220404T221658_20220404T222047_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_220220404T223557_20220404T224147_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_220220404T231843_20220404T232032_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_220220404T232242_20220404T232306_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220404T232845_20220404T233108_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_220220404T235841_20220405T000037_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