

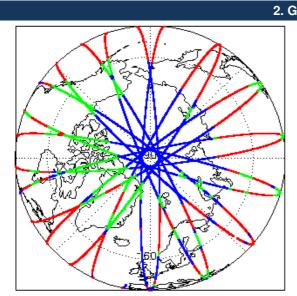
# **QA4EO Daily Report for OFFLINE data:**

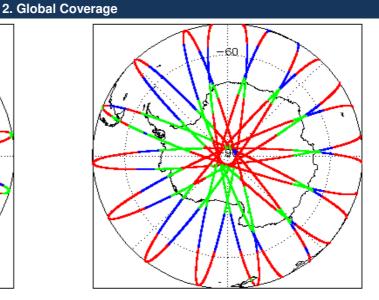
<u>29/11/2021</u>

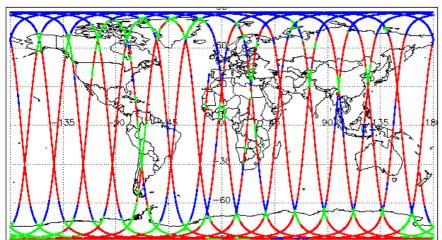
#### Check Status **Report Production Date:** 06-Jan-2022 Server check: science-pds.cryosat.esa.int Nominal Server check: calval-pds.cryosat.esa.int Nominal Processor Used: CryoSat Ice Processor Product Software Check Nominal Product Format Check Nominal Data Used: L1B and L2 OFFLINE Data Product Header Analysis Nominal Star Tracker Usage Check Nominal L1B Tracking Flag Check See Section 4.4 L1B Calibration Usage Check See Section 4.5 L1B & L2 Auxiliary Data File Usage Check Nominal L1B & L2 Auxiliary Correction Error Check Nominal L1B & L2 Measurement Confidence Data Check See Section 4.8 and 5.5 QCC Errors/ Warnings See Section 6.1, 6.2 and 6.3

1. Overview

Mission / Instrument News			
28-Nov-2021	None		
29-Nov-2021	None		
30-Nov-2021	Nothing planned		

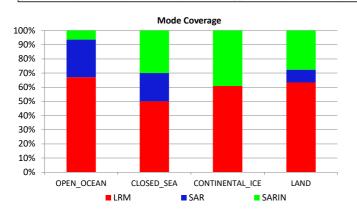


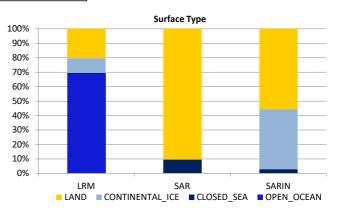




# Mode Coverage (%)

LRM	65.4
SAR	19.8
SARIn	14.7





# 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:

#### 4.3 Star Tracker Usage Check

# Each product is checked in order to ensure a valid star tracker file has been used in processing. 0

Number of products with errors:

# 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.

143

#### Number of products with errors:

CS_OFFL_SIR_LRM_1B_20211129T000116_20211129T000546_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T000633_20211129T005852_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T005855_20211129T005856_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T005855_20211129T005856_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T005855_20211129T01701_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T01705_20211129T011743_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011745_20211129T011754_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011757_20211129T011754_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011757_20211129T011801_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011803_20211129T011807_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011803_20211129T011805_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011803_20211129T011805_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011803_20211129T011805_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1
CS_OFFL_SIR_LRM_1B_20211129T004317_20211129T005852_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T005855_20211129T005856_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T005805_20211129T011701_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011705_20211129T011743_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011745_20211129T011754_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011757_20211129T011801_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011757_20211129T011801_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011803_20211129T011807_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011803_20211129T011807_E001Loss of echoThe tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20211129T011745_20211129T011754_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011757_20211129T011801_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20211129T011803_20211129T011807_E001Loss of echoThe tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T011757_20211129T011801_E001       Loss of echo       The tracking echo is missing for one or more records         CS_OFFL_SIR_LRM_1B_20211129T011803_20211129T011807_E001       Loss of echo       The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T011803_20211129T011807_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T011809_20211129T011831_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T011836_20211129T011837_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T011839_20211129T011925_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T015059_20211129T020430_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T022206_20211129T023714_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T025150_20211129T025256_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T025259_20211129T025332_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T025335_20211129T025350_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T025355_20211129T025405_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T025407_20211129T025523_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T025526_20211129T025903_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T031028_20211129T032759_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T033402_20211129T033433_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T033835_20211129T033853_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T033856_20211129T034041_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T034044_20211129T034154_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T034156_20211129T034233_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T035108_20211129T035856_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T042436_20211129T042534_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T042904_20211129T042906_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T042908_20211129T042912_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T042914_20211129T042921_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T042929_20211129T043103_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T043105_20211129T043111_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T043115_20211129T043136_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T043139_20211129T043149_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T043151_20211129T043155_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T043158_20211129T043209_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T043212_20211129T043217_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T043224_20211129T043235_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T043237_20211129T043237_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T043243_20211129T043245_E001 Loss of echo The tracking echo is missing for one or more records

CS OFFL SIR LRM 1B 20211129T043248 20211129T043252 E001 CS OFFL SIR LRM 1B 20211129T043255 20211129T043455 E001 CS OFFL SIR LRM 1B 20211129T043459 20211129T043505 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T043507\_20211129T043508\_E001 CS OFFL SIR LRM 1B 20211129T043515 20211129T043847 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T045420\_20211129T052556\_E001 CS OFFL SIR LRM 1B 20211129T053158 20211129T053749 E001 CS OFFL SIR LRM 1B 20211129T054132 20211129T060606 E001 CS\_OFEL\_SIB\_LBM\_1B\_20211129T060940\_20211129T061417\_E001 CS OFFL SIR LRM 1B 20211129T063125 20211129T063434 E001 CS OFFL SIB LBM 1B 20211129T063436 20211129T063450 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T063723\_20211129T070433\_E001 CS OFFL SIR LBM 1B 20211129T072055 20211129T074118 E001 CS OFFL SIR LRM 1B 20211129T074121 20211129T074716 E001 CS OFFL SIB LBM 1B 20211129T074723 20211129T074728 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T074730\_20211129T074732\_E001 CS OFFL SIR LRM 1B 20211129T074735 20211129T074821 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T074823\_20211129T074859\_E001 CS OFFL SIR LRM 1B 20211129T074939 20211129T075121 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T075155\_20211129T075436\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T081148\_20211129T084239\_E001 CS\_OFFL\_SIR\_LBM\_1B\_20211129T090820\_20211129T090931\_E001 CS OFFL SIR LRM 1B 20211129T090933 20211129T091148 E001 CS OFFL SIR LRM 1B 20211129T091200 20211129T091330 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T091625\_20211129T092154\_E001 CS OFFL SIR LRM 1B 20211129T092733 20211129T092752 E001 CS OFFL SIR LRM 1B 20211129T092754 20211129T092813 E001 CS OFFL SIR LRM 1B 20211129T092832 20211129T093000 E001 CS OFFL SIR LRM 1B 20211129T093000 20211129T093108 E001 CS OFFL SIR LRM 1B 20211129T093435 20211129T093438 E001 CS OFFL SIR LRM 1B 20211129T095016 20211129T102304 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T110008\_20211129T110518\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T110554\_20211129T110719\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T110838\_20211129T110846\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T112751\_20211129T120151\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T120734\_20211129T120959\_E001 CS OFFL SIR LRM 1B 20211129T130514 20211129T130609 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T130612\_20211129T130626\_E001 CS\_OFEL\_SIR\_LBM\_1B\_20211129T130628\_20211129T130635\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T130639\_20211129T130716\_E001 CS\_OFFL\_SIR\_LBM\_1B\_20211129T130720\_20211129T130737\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T130743\_20211129T131938\_E001 CS\_OFFL\_SIR\_LBM\_1B\_20211129T132418\_20211129T133643\_E001 CS OFFL SIR LRM 1B 20211129T140006 20211129T141235 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T144422\_20211129T144430\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T144432\_20211129T144546\_E001 CS OFFL SIR LRM 1B 20211129T144551 20211129T144555 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T144558\_20211129T144559\_E001 CS OFFL SIR LRM 1B 20211129T144601 20211129T144810 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T144814\_20211129T145018\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T145410\_20211129T150318\_E001 CS\_OFFL\_SIR\_LBM\_1B\_20211129T150320\_20211129T150341\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T150543\_20211129T152014\_E001 CS OFFL SIR LRM 1B 20211129T154106 20211129T154436 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T155403\_20211129T155520\_E001 CS OFFL SIR LRM 1B 20211129T155522 20211129T155827 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T160357\_20211129T160703\_E001 CS OFFL SIR LRM 1B 20211129T162307 20211129T162713 E001 CS OFFL SIR LRM 1B 20211129T162715 20211129T162718 E001 CS OFFL SIR LRM 1B 20211129T162720 20211129T162738 E001 CS OFFL SIR LRM 1B 20211129T162742 20211129T162753 E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T162755\_20211129T162758\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T162801\_20211129T162843\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20211129T162846\_20211129T162847\_E001

Loss of echo oss of echo Loss of echo oss of echo Loss of echo

The tracking echo is missing for one or more records The tracking echo is missing for one or more records

CS OFFL SIR LRM 1B 20211129T162849 20211129T162850 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_ENM_1B_20211129T162853_20211129T162907_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_ERM_1B_20211129T162005_20211129T163006_E001		ů ů
	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T163010_20211129T163011_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T163015_20211129T163221_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T163225_20211129T163227_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T163537_20211129T163544_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T163546_20211129T163644_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T170256_20211129T170728_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T170749_20211129T170923_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T171429_20211129T173918_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T173921_20211129T174824_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T180543_20211129T180858_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T180934_20211129T181004_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T181341_20211129T183811_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T184649_20211129T185014_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T194307_20211129T194817_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T194906_20211129T195115_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T195120_20211129T195228_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T195230_20211129T201721_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T202108_20211129T202545_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T202547_20211129T202920_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T203444_20211129T210703_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T211944_20211129T212213_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T212429_20211129T212813_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T212838_20211129T212909_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T213152_20211129T213314_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T213457_20211129T213950_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T214010_20211129T214455_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T214601_20211129T214825_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T214829_20211129T214906_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T230559_20211129T230616_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T230627_20211129T230759_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T230812_20211129T230826_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20211129T230950_20211129T231502_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211129T234125 20211129T234512 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211129T235218 20211129T235714 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20211129T235724 20211130T000352 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.

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Number of products with errors: 1				
Product	Test Failed	Description		
CS_OFFL_SIR_SIN_1B_20211129T091156_20211129T091200_E001	Cal1 corr. missing	The Cal1 correction has not been applied		
4.6 L1B Auxilary Data File Usage Check				

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

Number of products with errors:

# 4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

## 4.8 L1B Measurement Confidence Data Check

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

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

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

Phase Perturbation Flag: This flag is currently set for all L1B SARIn products, indicating that the ADC correction application is deactivated, but this is in line with the current configuration. Number of products with errors: 1

Product	Test Failed	Description
CS_OFFL_SIR_SIN_1B_20211129T091156_20211129T091200_E001	Cal1 Correction missing,	The Cal1 Correction has not been applied

# 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. 0

Number of products with errors:

#### 5.4 L2 Auxiliary Correction Error Check

CryoSat L2 data includes a correction error flag (field 30) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

#### 5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a guality flag (field 50) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

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

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

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

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

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

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

#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220211129T000116_20211129T000546_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_220211129T000633_20211129T002407_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_220211129T004317_20211129T005852_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_220211129T005900_20211129T011701_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_220211129T013135_20211129T015001_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_220211129T015059_20211129T020430_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_220211129T022206_20211129T023714_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_220211129T023915_20211129T024839_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_220211129T031028_20211129T032759_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_220211129T033402_20211129T033433_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211129T034402_20211129T034522_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_220211129T040157_20211129T041619_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_220211129T042929_20211129T043103_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211129T043515_20211129T043847_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211129T045112_20211129T045257_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_220211129T045420_20211129T052556_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_220211129T054132_20211129T060606_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_220211129T063723_20211129T070433_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_220211129T072055_20211129T074118_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_220211129T074121_20211129T074716_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220211129T075542_20211129T075753_E001	(Retracker 2) 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_220211129T081148_20211129T084239_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_220211129T090012_20211129T090415_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220211129T093532_20211129T093710_E001	(Retracker 2) 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_220211129T095016_20211129T102304_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_220211129T104045_20211129T105657_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_220211129T112751_20211129T120151_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_220211129T121912_20211129T124456_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_220211129T124518_20211129T125247_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_220211129T130743_20211129T131938_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_220211129T132418_20211129T133643_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_220211129T140006_20211129T141235_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_220211129T141447_20211129T143250_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_20211129T145410_20211129T150318_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_20211129T150320_20211129T150341_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_20211129T150543_20211129T152014_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_20211129T155522_20211129T155827_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_20211129T155950_20211129T160216_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_220211129T160825_20211129T160954_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_20211129T162853_20211129T162907_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211129T164330_20211129T165907_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_220211129T171429_20211129T173918_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_220211129T181341_20211129T183811_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_220211129T185412_20211129T192049_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_220211129T192215_20211129T192521_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_20211129T194906_20211129T195115_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220211129T195230_20211129T201721_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_20211129T203444_20211129T210703_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 , a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20211129T211944_20211129T212213_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_20211129T213152_20211129T213314_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_20211129T221304_20211129T223422_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_20211129T223707_20211129T224716_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_220211129T225827_20211129T230237_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

	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_220211129T231829_20211129T232316_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_220211129T232503_20211129T233512_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_220211129T235724_20211130T000352_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_SAR_2_20211128T235102_20211129T000116_E001	Backscatter Error (Retracker 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_20211129T002407_20211129T003044_E001	Backscatter Error (Retracker 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_20211129T004106_20211129T004317_E001	Backscatter Error (Retracker 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_20211129T011925_20211129T012012_E001	Backscatter Error (Retracker 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_20211129T012106_20211129T012526_E001	Backscatter Error (Retracker 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_20211129T012526_20211129T012638_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T013103_20211129T013135_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T015001_20211129T015059_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T020430_20211129T021017_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T022134_20211129T022206_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T023714_20211129T023915_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T025903_20211129T030237_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T030237_20211129T030537_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T034701_20211129T034730_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T040042_20211129T040157_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T041619_20211129T042148_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T042148_20211129T042436_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T043847_20211129T044458_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T044723_20211129T044732_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T044935_20211129T045018_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T045041_20211129T045112_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T052556_20211129T052740_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T054008_20211129T054132_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T061613_20211129T061836_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T061852_20211129T061952_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T062024_20211129T062454_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T070433_20211129T070716_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T071854_20211129T072055_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T075436_20211129T075542_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T075753_20211129T080702_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220211129T084239_20211129T084715_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T085746_20211129T090012_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T090415_20211129T090819_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T092457_20211129T092539_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T092546_20211129T092620_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T093108_20211129T093435_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T093710_20211129T093733_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T093818_20211129T094605_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T102304_20211129T102640_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T103636_20211129T104045_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T110518_20211129T110554_E001	Backscatter Error (Retracker 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_20211129T110719_20211129T110838_E001	Backscatter Error (Retracker 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_20211129T110846_20211129T111015_E001	Backscatter Error (Retracker 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_20211129T111015_20211129T111451_E001	Backscatter Error (Retracker 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_20211129T111517_20211129T111731_E001	Backscatter Error (Retracker 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_20211129T111836_20211129T112621_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T112625_20211129T112751_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T120151_20211129T120354_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T121524_20211129T121911_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T124456_20211129T124518_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T125247_20211129T125252_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T125252_20211129T125318_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T125755_20211129T130514_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T131938_20211129T132418_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T133643_20211129T133804_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T134114_20211129T134201_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T135308_20211129T135750_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T135750_20211129T140006_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T141235_20211129T141447_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T143250_20211129T143402_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T143710_20211129T144421_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T150341_20211129T150543_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T152014_20211129T152120_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T153801_20211129T154106_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220211129T160216_20211129T160322_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T160340_20211129T160357_E001	Backscatter Error (Retracker 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_20211129T160954_20211129T161043_E001	Backscatter Error (Retracker 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_20211129T161050_20211129T161140_E001	Backscatter Error (Retracker 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_20211129T161555_20211129T162250_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T163644_20211129T164048_E001	Backscatter Error (Retracker 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_20211129T164048_20211129T164141_E001	Backscatter Error (Retracker 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_20211129T164144_20211129T164330_E001	Backscatter Error (Retracker 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_20211129T165907_20211129T170029_E001	Backscatter Error (Retracker 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_20211129T171235_20211129T171429_E001	Backscatter Error (Retracker 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_20211129T175418_20211129T180257_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T183811_20211129T184008_E001	Backscatter Error (Retracker 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_20211129T185130_20211129T185412_E001	Backscatter Error (Retracker 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_20211129T192049_20211129T192215_E001	Backscatter Error (Retracker 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_20211129T193111_20211129T193853_E001	Backscatter Error (Retracker 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_20211129T193904_20211129T194016_E001	Backscatter Error (Retracker 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_20211129T194058_20211129T194142_E001	Backscatter Error (Retracker 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_20211129T194156_20211129T194307_E001	Backscatter Error (Retracker 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_20211129T201721_20211129T201944_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T203036_20211129T203444_E001	Backscatter Error (Retracker 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_20211129T211045_20211129T211705_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T211705_20211129T211944_E001	Backscatter Error (Retracker 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_20211129T212402_20211129T212429_E001	Backscatter Error (Retracker 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_20211129T213115_20211129T213152_E001	Backscatter Error (Retracker 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_20211129T214906_20211129T215100_E001	Backscatter Error (Retracker 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_20211129T215524_20211129T215925_E001	Backscatter Error (Retracker 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_20211129T220919_20211129T221304_E001	Backscatter Error (Retracker 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_20211129T223422_20211129T223707_E001	Backscatter Error (Retracker 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_20211129T224716_20211129T224910_E001	Backscatter Error (Retracker 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_20211129T224914_20211129T225605_E001	Backscatter Error (Retracker 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_20211129T225605_20211129T225742_E001	Backscatter Error (Retracker 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_20211129T225815_20211129T225827_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T230259_20211129T230559_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220211129T230826_20211129T230950_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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Char Bon Son Son Son Son Son Son Son Son Son S	CS_OFFL_SIR_SAR_220211129T233512_20211129T233908_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
GU_CPT_GR_GR_C_R011127100004_0001     Bestering from threads 0     Bestering from threads 0       GL_CPT_GR_GR_C_R011127100004_0001     Bestering from threads 0       GL_CPT_GR_GR_C_R01112710001012802_0001     Bestering from threads 0       GL_CPT_GR_GR_C_R01112710001012802_0001     Bestering from threads 0       GL_CPT_GR_GR_C_R0111271001012802_0001     Bestering from threads 0       GL_CPT_GR_GR_C_R0111271001012802_0001     Bestering from threads 0       GL_CPT_GR_GR_C_R011127100101280_001001     Bester	CS_OFFL_SIR_SAR_220211129T234843_20211129T235218_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
05.000_000_000_0000_0000_0000_0000     Ubstacts from (Instabute 0), the is absorbed to soft one or near action.       05.000_0000_0000_0000_0000_0000_0000     Ubstacts from (Instabute 0), the is absorbed to soft one or near action.       05.000_0000_0000_0000_0000_0000_0000_00	CS_OFFL_SIR_SIN_220211129T003044_20211129T003334_E001	Backscatter Error (Retracker 3), SARIn X	
Dr. D. Ch. Ch. L. Schl. 1991 (2011) 2011 (2011) 2011 (2011) 2010         Backdoom Env program         Character of the	CS_OFFL_SIR_SIN_220211129T003542_20211129T004106_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	
CS OFFL SIN SIN 2       200111201012010 EXEL       Reducator Every Personal Si, Oornal Sin Conservation Biological Signal Biological Biological Biological Signal Biological	CS_OFFL_SIR_SIN_220211129T012012_20211129T012106_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
DPT_PD_VEX_DPT_C_NOTITIESTICATE_CONTENTS         Descenter from (freicade 0)         The is addresses and in Content work of the American Analysis           CS_OFFL_SIR_SN_2_X0T1128104162_X0T1128108116_EX01         Solve Acea Axys in reverses         A sampty on a set descent of the American Axys in reverses           CS_OFFL_SIR_SN_2_X0T1128104162_X0T1128102114_EX01         Solve Acea Axys in reverses         A sampty on a set descent of the American Axys in reverse and the Plancker 2 and the American Axys in reverses         A sampty on a set descent of the American Axys in reverse and the Plancker 2 and the American Axys in reverse and the Plancker 2 and the American Axys in reverse and the Plancker 2 and the American Axys in reverse and the Plancker 2 and the American Axys in reverse and the Plancker 2 and the American Axys in reverse and the Plancker 2 and the American Axys in reverse and the Plancker 2 and the American Axys in reverse and the Plancker 2 and the American Axys in reverse and the Plancker 2 and the American Axys in reverse and the Plancker 2 and the American Axys in reverse and the Plancker 2 and the American Axys in reverse and the American Ax	CS_OFFL_SIR_SIN_2_20211129T012638_20211129T013103_E001	Backscatter Error (Retracker 3), SARIn X	
CPT_DB_B_C_DC_20011020004000_20011021004000_2001         Description         meaks           CS_OFFL_SIR_SIN_2_0211120104400_20011021024000_E001         Backaceter from (fmortake 3), SAMAN         There is tableader or to fmortake 2 and 3 and manipusca angle main backaceter from (fmortake 3), SAMAN         There is tableader or to fmortake 2 and 3 and manipusca angle main backaceter from (fmortake 3), SAMAN           CS_OFFL_SIR_SIN_2_02111201004600_E001         Backaceter from (fmortake 3), SAMAN         There is tableader or to fmortake 2 and 3 and manipusca angle main backaceter and (fmortake 2), SAMAN           CS_OFFL_SIR_SIN_2_02111201004600_E001         Backaceter from (fmortake 3), SAMAN         There is tableader or to fmortake 2 and 3 and manipusca angle main backaceter and (fmortake 3), SAMAN           CS_OFFL_SIR_SIN_2_0211120100460_E001         Backaceter from (fmortake 3), SAMAN         There is tableader or to fmortake 2 and 3 and manipusca angle main backaceter and (fmortake 3), SAMAN           CS_OFFL_SIR_SIN_2_0211120100460_E001         Backaceter from (fmortake 3), SAMAN         There is tableader or to fmortake 2 and 3 and manipusca angle main backaceter and (fmortake 3), SAMAN           CS_OFFL_SIR_SIN_2_0211120100460_E001         Backaceter from (fmortake 3), SAMAN         There is tableader or to fmortake 2 and 3 and manipusca angle main backaceter from (fmortake 3), SAMAN           CS_OFFL_SIR_SIN_2_02111201104002_0211120104000_E001         Backaceter from (fmortake 3), SAMAN         There is tableader or to fmortake 2 and 3 or on or meen consts           CS_OFFL_SIR_SIN_2_02111201104002_0211120104000_E001	CS_OFFL_SIR_SIN_2_20211129T021017_20211129T021252_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
65_0FFL_SH_SH_2_restriction       Boardscatter from (financial r), SARing       North is disclosuffic and restriction 2.001 (100 minutes)         66_0FFL_SH_SH_2_restriction       Boardscatter from (financial r), SARing       North is disclosuffic and restriction 2.001 (100 minutes)         66_0FFL_SH_SH_2_restriction       Boardscatter from (financial r), SARing       North is disclosuffic and restriction         66_0FFL_SH_SH_2_restriction       Boardscatter from (financial r), SARing       North is disclosuffic and restriction         66_0FFL_SH_SH_2_restriction       Boardscatter from (financial r), SARing       North is disclosuffic and restriction 2.001 (100 minutes)         66_0FFL_SH_SH_2_restriction       Boardscatter from (financial r), SARing       North is disclosuffic and restriction 2.001 (100 minutes)         66_0FFL_SH_SH_2_restriction       Boardscatter from (financial r), SARing       North is disclosuffic and restriction 2.001 (100 minutes)         66_0FFL_SH_SH_2_restriction       Boardscatter from (financial r), SARing       North is disclosuffic and restriction 2.001 (100 minutes)         66_0FFL_SH_SH_2_restriction       Boardscatter from (financial r), SARing       North is disclosuffic and restriction 2.001 (100 minutes)         66_0FFL_SH_SH_2_restriction       Boardscatter from (financial r), SARing       North is disclosuffic and restriction 2.001 (100 minutes)         66_0FFL_SH_SH_2_restriction       Boardscatter from (financial r), SARing       North is dis disclosuffic and restriction 2.001 (100 minu	CS_OFFL_SIR_SIN_2_20211129T021452_20211129T021610_E001	SARIn X-track Angle Error	
GS. OPPL_SIR_SIN_2_0211127102459_02011127102459_0201         Boocatter Error (Perceker 3), SARtin King and Sarting and	CS_OFFL_SIR_SIN_220211129T021953_20211129T022134_E001	Backscatter Error (Retracker 3), SARIn X	
GS_DFFL_SR_SR_2_0211191700607_0011191700664_001         Balaccenter Emr (Persource 3), SARie X         Intel the allocation for Retroduce 2 and 3 and analoguous angle analoguou	CS_OFFL_SIR_SIN_220211129T024839_20211129T025149_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
GS, DFFL_SR, SNL 2_0211120100018_00211120100004_0010         Bedescater Error (Petrocker 2), SARIN X June 20011020100010         Bedescater Error (Petrocker 2), SARIN X June 20011020100010         An articipuos angle acid setting on or most acid and an articipuos angle acid setting on or most acid and an articipuos angle acid setting on or most acid and an articipuos angle acid setting on or most acid and an articipuos angle acid setting on or most acid and an articipuos angle acid setting on or most acid acid acid acid by the acid setting on or most acid acid acid acid acid acid acid acid	CS_OFFL_SIR_SIN_220211129T030537_20211129T030649_E001	Backscatter Error (Retracker 3), SARIn X	
Model with like         Model was used for one or more records           CS_OFFL_SIR_SIN_2_20211129T034424_20211129T034402_E001         Backscatter Error (Partacker 2), Backscatter Error (Partacker 2), Backscatter Error (Partacker 2), SS_OFFL_SIR_SIN_2_20211129T034702_E001         Backscatter Error (Partacker 2), Backscatter Error (Partacker 2), Backs	CS_OFFL_SIR_SIN_220211129T030813_20211129T031028_E001	Backscatter Error (Retracker 3), SARIn X	
GS_OFFL_SIR_SIN_2_20211120T04504_20211120T04701_E001       Backscatter Error (Pertacker 2), Backscatter Error (Pertacker 2),	CS_OFFL_SIR_SIN_220211129T033433_20211129T033834_E001		
US       OFL_SIN_SIN_2_20011120103402_20011120103407_D001       Backcaster Error (Partader 3)       Intel is a backcaster error for Partader 2 and 3 and a matiguous angle track Angle Error         CS_OFFL_SIN_SIN_2_200111201034662_20011120104004_E001       Backcaster Error (Partader 2), BARIN       There is a backcaster error for Partader 2, Backcaster Error (Partader 2), BARIN         CS_OFFL_SIN_SIN_2_20011120103466_20011120104004_E001       Backcaster Error (Partader 2), BARIN Take Angle Error.       There is a backcaster error for Partader 2 and 3 and a matiguous angle track Angle Error.         CS_OFFL_SIN_SIN_2_20011120104458_20011120104472_E001       Backcaster Error (Partader 2), BARIN Take Angle Error.       An ambiguous angle track Angle Error.         CS_OFFL_SIN_SIN_2_20011120104458_20011120104472_E001       Backcaster Error (Partader 2), BARIN Take Angle Error.       There is a backcaster error for Partader 2 and 3 an ambiguous angle track Angle Error.         CS_OFFL_SIN_SIN_2_20011120104458_2001120104472_E001       Backcaster Error (Partader 2), BARIN Take Angle Error.       There is a backcaster error for Partader 2 and 3 an ambiguous angle track Angle Error.         CS_OFFL_SIN_SIN_2_20011120104458_2001120104458_E001       Backcaster Error (Partader 2), BARIN Take 2 and 3 for one or more records         CS_OFFL_SIN_SIN_2_20011120104504_20211120104504_E001       Backcaster Error (Partader 2), BARIN Take 2 and 3 for one or more records         CS_OFFL_SIN_SIN_2_20011120104504_20211120104504_E001       Backcaster Error (Partader 2), BARIN Take 2 and 3 for one or more records         CS_OFFL_SIN_S	CS_OFFL_SIR_SIN_220211129T034234_20211129T034402_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20211129T034730_20211129T035108_E001       Backscatter Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3 and an ambiguous angle that Angle Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3 and an ambiguous angle that Angle Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3 and an ambiguous angle that Angle Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3 and an ambiguous angle that SARIN Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3, an ambiguous angle that SARIN Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3, an ambiguous angle that SARIN Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3, an ambiguous angle that SARIN Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3, an ambiguous angle that SARIN Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3, an ambiguous angle that SARIN Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3, an ambiguous angle that SARIN Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3, an ambiguous angle that SARIN Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211129T044305_20211129T044305_E001       Backscatter Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211129T04505_20211129T045042_E001       Backscatter Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211129T04505_20211129T045042_E001       Backscatter Error (Farnacker 3), SARin X, the subscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_S	CS_OFFL_SIR_SIN_220211129T034522_20211129T034701_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20211129704042_E001       Backscatter Error (Retracker 2), Backscatter Err	CS_OFFL_SIR_SIN_220211129T034730_20211129T035108_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error	
US_OFFL_SIR_SIN_2_20211129104394_202111291044723_E001       model unavailable       Model was used for one or more records         OS_OFFL_SIR_SIN_2_202111291044458_202111291044723_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SRII vare model unavailable       Model was used for one or more records         CS_OFFL_SIR_SIN_2_202111291044732_202111291044935_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SRII vare model unavailable       There is a backscatter error for Retracker 2 and 3 (or one or more records         CS_OFFL_SIR_SIN_2_202111291045018_202111291045041_E001       Backscatter Error (Retracker 2), Backscatt	CS_OFFL_SIR_SIN_220211129T035856_20211129T040042_E001	Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20211129T04428_20211129T044732_E001       Backscatter Emor (Retracker 2), Angle Error, Strate model unavailable in bit of unertacker 2, and an antiguous angle vas seed for the location for one or more records         CS_OFFL_SIR_SIN_2_20211129T044732_20211129T044935_E001       Backscatter Emor (Retracker 2), Backscatter Emor (Retracker 3), SARIn X       There is a backscatter emor for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211129T045018_20211129T045242_E001       Backscatter Emor (Retracker 2), Backscatter Emor (Retracker 2), Backscatter Emor (Retracker 3), SARIn X, Mage Error       There is a backscatter emor for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211129T045267_00211129T045267_00211129T05230_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X, Mage 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_20211129T053144_20211129T053158_E001       SARIn X-track Angle Error       An ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211129T0503144_20211129T054008_E001       SARIn X-track Angle Error       An ambiguous angle was detected for SARIn mode and no DEM or Stope Model was used for the cord or SARIn Arge Error, Surface model unavailable         CS_OFFL_SIR_SIN_2_20211129T060806_20211129T060940_E001       SARIn X-track Angle Error,	CS_OFFL_SIR_SIN_220211129T042534_20211129T042903_E001	model unavailable	
CS_OFFL_SIR_SIN_2_20211129T044732_20211129T044735_E001       Backscatter Error (Retracker 2), SARIN XI and Backscatter Error, Surface model unavailable       Inter is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SIN_2_20211129T045018_20211129T045041_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), SARIN X track Angle Error       There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode and no DEM or Siope Model unavailable and unavailable         CS_OFFL_SIR_SIN_2_20211129T061865_20211129T061865_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Siope Model was used for the location for one or more records         CS_OFFL_SIR_SIN_2_2	CS_OFFL_SIR_SIN_220211129T044458_20211129T044723_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	was detected for SARIn mode, and no DEM or Slope Model was used for
CS_OFFL_SIR_SIN_2_20211129104504_E0011       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_202111291052930_E001       SARIn X-track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_202111291053164_202111291053158_E001       SARIn X-track Angle Error Backscatter Error (Retracker 3), SARIn X- was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_202111291060606_202111291060940_E001       SARIn X-track Angle Error, Surface model unavailable       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_202111291061836_202111291061852_E001       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 on or more records         CS_OFFL_SIR_SIN_2_202111291061952_202111291061952_202111291062024_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatte	CS_OFFL_SIR_SIN_2_20211129T044732_20211129T044935_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
CS_OFFL_SIR_SIN_2_20211129104925/20211129104920_2001       Backscatter Error (Retracker 3)       Intere is a backscatter error for Retracker 2 and 3 and an ambiguous angle         CS_OFFL_SIR_SIN_2_202111291052740_202111291052930_E001       Backscatter Error (Retracker 2),       Backscatter Error (Retracker 2),         CS_OFFL_SIR_SIN_2_202111291053144_202111291053158_E001       SARIN X-track Angle Error       An ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_202111291053749_202111291054008_E001       Backscatter Error (Retracker 2),       Backscatter Error (Retracker 2),         Backscatter Error (Retracker 2),       Backscatter Error (Retracker 2),       Backscatter Error (Retracker 2),         Backscatter Error (Retracker 2),       Backscatter Error (Retracker 2),       Backscatter Error (Retracker 2),         Backscatter Error (Retracker 2),       Backscatter Error (Retracker 2),       Backscatter Error (Retracker 2),         Backscatter Error (Retracker 2),       Backscatter Error (Retracker 2),       Backscatter Error (Retracker 2),         Backscatter Error (Retracker 2),       Backscatter Error (Retracker 2),       An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for track Angle Error, Surface model unavailable         CS_OFFL_SIR_SIN_2_202111291061852_E001       Backscatter Error (Retracker 2),       SARIn X-track Angle Error, Surface model unavailable         CS_OFFL_SIR_SIN_2_202111291061952_202111291062024_E001       Backscatter Error (Retracker 2),<	CS_OFFL_SIR_SIN_220211129T045018_20211129T045041_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20211129T052740_20211129T052930_E001       Backscatter Error (Retracker 3), SARIn X       There is a backscatter error for encords         CS_OFFL_SIR_SIN_2_20211129T053144_20211129T053158_E001       SARIn X-track Angle Error       An ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211129T053749_20211129T054008_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_20211129T060666_20211129T060940_E001       SARIn X-track Angle Error, Surface model unavailable       An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records         CS_OFFL_SIR_SIN_2_20211129T061836_20211129T061852_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X       There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records         CS_OFFL_SIR_SIN_2_20211129T061952_20211129T062024_E001       Backscatter Error (Retracker 2), B	CS_OFFL_SIR_SIN_220211129T045257_20211129T045420_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_202111291053154_2001       SARIN X-track Angle Error       records         CS_OFFL_SIR_SIN_2_202111291053749_202111291054008_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_202111291060606_202111291060940_E001       SARIN X-track Angle Error       An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records         CS_OFFL_SIR_SIN_2_202111291061836_202111291061852_E001       Backscatter Error (Retracker 2), Backscatter Error	CS_OFFL_SIR_SIN_220211129T052740_20211129T052930_E001	Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20211129T053749_20211129T054008_E001       Backscatter Error (Retracker 3), SARIn X       Intere is a backscatter error for Hetracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records         CS_OFFL_SIR_SIN_2_20211129T060606_20211129T060940_E001       SARIn X-track Angle Error, Surface model unavailable       An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records         CS_OFFL_SIR_SIN_2_20211129T061836_20211129T061852_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X       There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records         CS_OFFL_SIR_SIN_2_20211129T061952_20211129T062924_E001       Backscatter Error (Retracker 2), 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_20211129T062454_20211129T062921_E001       Backscatter Error (Retracker 2), 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_20211129T062454_20211129T062955_E001       Backscatter Error (Retracker 2), Backscatter	CS_OFFL_SIR_SIN_220211129T053144_20211129T053158_E001	SARIn X-track Angle Error	
CS_OFFL_SIR_SIN_2_20211129T061836_20211129T061852_E001       model unavailable       Model was used for one or more records         CS_OFFL_SIR_SIN_2_20211129T061836_20211129T061852_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_20211129T070716_20211129T070855_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_20211129T07011_20211129T071142_E001       SABIn X-track Angle Error       An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220211129T053749_20211129T054008_E001	Backscatter Error (Retracker 3), SARIn X	
CS_OFFL_SIR_SIN_2_20211129T061836_20211129T061852_E001       Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable       Milter 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_20211129T061952_20211129T062024_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_20211129T062454_20211129T062921_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_20211129T062454_20211129T062921_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 mod	CS_OFFL_SIR_SIN_220211129T060606_20211129T060940_E001		
CS_OFFL_SIR_SIN_2_20211129T061952_20211129T062024_E001       Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable       Infere is a backscatter error for Hetracker 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_20211129T062454_20211129T062921_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_20211129T062454_20211129T062921_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_20211129T07011_20211129T071142_E001       SARIn X track Angle Error       An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220211129T061836_20211129T061852_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	was detected for SARIn mode, and no DEM or Slope Model was used for
CS_OFFL_SIR_SIN_2_20211129T062454_20211129T062921_E001       Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable       Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable       Was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records         CS_OFFL_SIR_SIN_2_20211129T070716_20211129T070855_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_20211129T071011_20211129T071142_E001       SARIn X, track Angle Error       An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220211129T061952_20211129T062024_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	was detected for SARIn mode, and no DEM or Slope Model was used for
CS_OFFL_SIR_SIN_2_20211129T070716_20211129T070855_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error SARIn X track Angle Error An ambiguous angle was detected for SARIn mode for one or more	CS_OFFL_SIR_SIN_220211129T062454_20211129T062921_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	was detected for SARIn mode, and no DEM or Slope Model was used for
	CS_OFFL_SIR_SIN_220211129T070716_20211129T070855_E001	Backscatter Error (Retracker 3), SARIn X	
	CS_OFFL_SIR_SIN_220211129T071011_20211129T071142_E001	SARIn X-track Angle Error	

CS_OFFL_SIR_SIN_220211129T071604_20211129T071853_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_220211129T080702_20211129T081148_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_220211129T084715_20211129T085053_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_220211129T085632_20211129T085746_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_220211129T091156_20211129T091200_E001	Calibration Warning	The Calibration correction is missing or has been taken from the IPFDB instead of the Calibration products for one or more records
CS_OFFL_SIR_SIN_220211129T092620_20211129T092733_E001	Backscatter Error (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_220211129T093438_20211129T093532_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_220211129T093733_20211129T093817_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_220211129T094605_20211129T094739_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_220211129T094822_20211129T095015_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_220211129T102640_20211129T102958_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_220211129T103510_20211129T103635_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_220211129T105657_20211129T110008_E001	Backscatter Error (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_220211129T111731_20211129T111836_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_220211129T120354_20211129T120734_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_220211129T121416_20211129T121524_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_220211129T125318_20211129T125446_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_220211129T125641_20211129T125755_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_220211129T134201_20211129T134339_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_220211129T135121_20211129T135308_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_220211129T143402_20211129T143709_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_220211129T145018_20211129T145410_E001	Backscatter Error (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_220211129T152120_20211129T152305_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_220211129T152828_20211129T152834_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20211129T152950_20211129T153601_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_20211129T154440_20211129T155403_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_220211129T155827_20211129T155950_E001	Backscatter Error (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_220211129T161043_20211129T161050_E001	Backscatter Error (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_220211129T161140_20211129T161554_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_220211129T163228_20211129T163536_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_220211129T170029_20211129T170256_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_220211129T170728_20211129T170734_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records

	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
CS_OFFL_SIR_SIN_220211129T170923_20211129T171235_E001	Backscatter Error (Retracker 3), SARIN X track Angle Error Backscatter Error (Retracker 2),	was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211129T175029_20211129T175417_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_220211129T181004_20211129T181341_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_220211129T184008_20211129T184123_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_220211129T184630_20211129T184632_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211129T185014_20211129T185130_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_220211129T192521_20211129T193110_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_220211129T193853_20211129T193904_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_220211129T194016_20211129T194058_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_220211129T194142_20211129T194156_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_220211129T201944_20211129T202108_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_220211129T202545_20211129T202547_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220211129T202920_20211129T203036_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_220211129T210703_20211129T210834_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_220211129T210910_20211129T211045_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_20211129T212909_20211129T213114_E001	Backscatter Error (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_220211129T215925_20211129T220050_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_220211129T220611_20211129T220919_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_220211129T225742_20211129T225814_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_220211129T230237_20211129T230259_E001	Backscatter Error (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_220211129T231502_20211129T231829_E001	Backscatter Error (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_220211129T233908_20211129T234125_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_220211129T234512_20211129T234843_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