

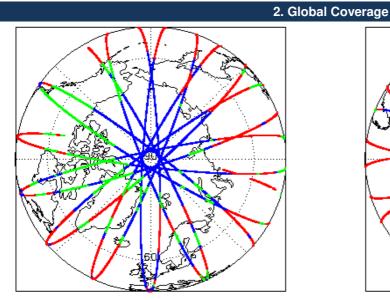
# **QA4EO Daily Report for OFFLINE data:**

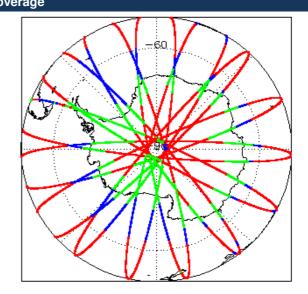
## <u>21/05/2022</u>

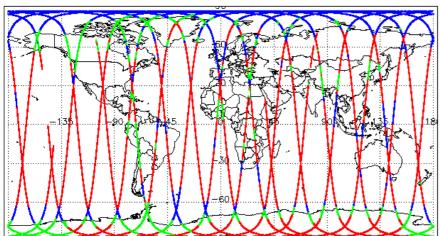
IDEAS-QAHEO

Report Production Dates	20. Jun 2022	Check	Status
Report Production Date:	20-Jun-2022	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
Flocessol Oseu.		Product Software Check	Nominal
Data Used:	L1B and L2 OFFLINE Data	Product Format Check	Nominal
Data Oseu.	LIB 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	See Section 5.4
		L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5
		QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3
ission / Instrument News			
20-May-2022 None			
1-May-2022 None			
22-May-2022 Nothing planned			

1. Overview

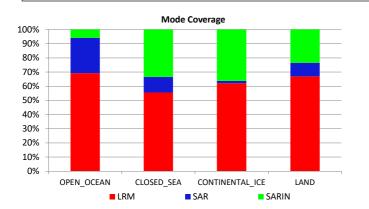


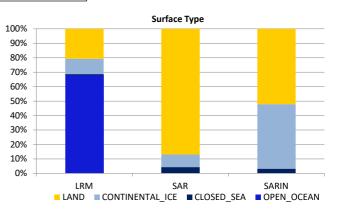






LRM	67.7
SAR	18.9
SARIn	13.4





## 3. Instrument Configuration

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

SIRAL - A

SIRAL instrument(s) in use:

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.

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#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220521T003610_20220521T004131_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T004317_20220521T004954_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T005532_20220521T005601_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T005603_20220521T005615_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T005634_20220521T005706_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T005708_20220521T005800_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T005800_20220521T005909_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T010329_20220521T010456_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T022809_20220521T023313_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T023350_20220521T023518_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T034630_20220521T041305_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T043308_20220521T043507_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T045218_20220521T050511_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T052803_20220521T054035_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T061227_20220521T061353_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T061356_20220521T061356_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T061358_20220521T061403_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T061405_20220521T061820_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T062209_20220521T063141_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T063417_20220521T064832_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T070901_20220521T071215_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T072204_20220521T072417_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T072423_20220521T072424_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T072426_20220521T072627_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T073156_20220521T073501_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T075110_20220521T080024_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T080331_20220521T080335_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T080338_20220521T080339_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T080343_20220521T080344_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T080348_20220521T080442_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T083102_20220521T083530_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T083551_20220521T083727_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T084207_20220521T090559_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T090601_20220521T090709_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T090711_20220521T090713_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T090716_20220521T091623_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T093338_20220521T093657_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T093720_20220521T093802_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T094147_20220521T100708_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T101451_20220521T101816_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220521T111112_20220521T111616_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20220521T111706_20220521T112637_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T112639_20220521T114701_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T115349_20220521T115722_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T124805_20220521T124944_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T125220_20220521T125613_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T125637_20220521T125708_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T125950_20220521T130111_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T130255_20220521T130749_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T130808_20220521T131255_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T131401_20220521T131625_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T131630_20220521T131649_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T143423_20220521T143540_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T143608_20220521T143626_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T143756_20220521T144300_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T150938_20220521T151314_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T152009_20220521T152513_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T152523_20220521T155319_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T155443_20220521T155459_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T155501_20220521T155637_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T160933_20220521T164053_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T165027_20220521T165220_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T170606_20220521T171151_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T171431_20220521T171642_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T172122_20220521T172800_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T172951_20220521T173234_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T173237_20220521T173449_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T173453_20220521T173559_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T180739_20220521T181039_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T181145_20220521T182323_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T182914_20220521T183136_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T184625_20220521T185312_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T185451_20220521T191019_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T191055_20220521T191555_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T193143_20220521T193455_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T194015_20220521T194504_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T194755_20220521T200353_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T204533_20220521T204625_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T204749_20220521T204818_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T204828_20220521T205112_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T205125_20220521T205413_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T210854_20220521T211743_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T211746_20220521T211803_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T211806_20220521T211807_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T211811_20220521T214249_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T214619_20220521T214806_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T214906_20220521T215338_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T215740_20220521T222236_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T222238_20220521T222614_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T222721_20220521T223029_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T223029_20220521T223230_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T225257_20220521T225332_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T233601_20220521T235823_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20220521T235826_20220522T000126_E001	Loss of echo

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## 4.5 L1B Calibration Usage Check

Each product is checked in order to ensure that the necessary calibration files have been used in processing. 1

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_SIN_1B_20220521T204144_20220521T204150_E001	Cal1 Correction missing	The Cal1 correction has not been applied for one or more records

## 4.6 L1B Auxilary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0

4.7 L1B Auxiliary Correction Error Check				
CryoSat L1B data includes a correction error flag for each measurement record. The bit value of this flag indicates any problems when set.				
Number of products with errors: 0				
4.8 L1B Measurement Confidence Data Check				
CryoSat L1B data includes a measurement confidence flag for each measurement	record. The bit value of this flag indicat	es any problems when set.		
Currently, there are several common error flags raised in the Level 1B produ below, followed by a table of any additional issues arising from this test.	icts which are expected due to opera	tional mode or surface type. All common flags are summarised in the list		
Block Degraded Flag: This flag is currently set for a number of individual records	generally at the start or end of products	all modes), but this is to be expected.		
Phase Perturbation Applied Flag: This flag is currently set for all L1B SARIn pro	ducts, indicating that the ADC correctio	n 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_LRM_1B_20220521T023350_20220521T023518_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo		
5. L	evel 2 Data Quality Che	eck		
5.1 L2 Product Format Check				
Each product, retrieved and unpacked from the science server, is checked to ensu	ure it consists of both an XML header file	e (.HDR) and a product file (.DBL).		
Number of products with errors: 0				
5.2 L2 Product Header Analysis				
For all products, a series of pre-defined checks are carried out on the MPH and SI	PH in order to identify any inconsistencie	es and/or errors raised by the ground-segment processing chain.		
Number of products with errors: 0				
5.3 L2 Auxiliary Data File Usage Check				
Each product is checked for missing Data Set Descriptors with respect to a pre-de	termined baseline and also to check the	e validity of Auxiliary Data Files is correct.		
Number of products with errors: 0				
5.4 L2 Auxiliary Correction Error Check				
CryoSat L2 data includes a correction error flag for each measurement record. The	e bit value of this flag indicates any prob	lems when set.		
Currently, there are several common error flags raised in the Level 2 produc below, followed by a table of any additional issues arising from this test.	ts which are expected due to operation	onal mode or surface type. All common flags are summarised in the list		
Sea State Bias error: This flag is currently set in all L2 LRM products over ocean,		bias Due to a known anomaly, the sea state bias field is currently unfilled in all		
Baseline-E L2 LRM products. This anomaly will be resolved in the next IPF update Snow Depth Model error: This flag is currently set in all L2 SAR products over or	cean, which fall outside of the extent of t			
over the high-latitude Arctic. There is no model currently provided for the Antarctic Number of products with errors: 121	or marginal Arctic regions. An updated	model Will be provided in the next IPF update.		
Product	Test Failed	Description		
CS_OFFL_SIR_SAR_220220521T001212_20220521T001517_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model		
CS OFFL SIR SAR 2 20220521T002548 20220521T002639 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records		
		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records		
CS_OFFL_SIR_SAR_2_20220521T003217_20220521T003609_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records		
CS_OFFL_SIR_SAR_220220521T005258_20220521T005400_E001	Snow depth model	falls outside of the extent of the current snow depth model		
CS_OFFL_SIR_SAR_220220521T005407_20220521T005426_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model		
CS_OFFL_SIR_SAR_220220521T005910_20220521T010233_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model		
CS_OFFL_SIR_SAR_220220521T010456_20220521T010545_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model		
CS_OFFL_SIR_SAR_220220521T010615_20220521T011403_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model		
CS_OFFL_SIR_SAR_220220521T011538_20220521T011626_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records fails outside of the extent of the current snow depth model		
CS OFFL SIR SAR 2 20220521T015142 20220521T015441 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records		
CS_OFFL_SIR_SAR_2_20220521T020438_20220521T020618_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records		
CS OFFL SIR SAR 2 20220521T023313 20220521T023350 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records		
		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records		
CS_OFFL_SIR_SAR_220220521T023518_20220521T023640_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records		
CS_OFFL_SIR_SAR_220220521T023644_20220521T023818_E001	Snow depth model	falls outside of the extent of the current snow depth model		
CS_OFFL_SIR_SAR_220220521T023818_20220521T024249_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model		
CS_OFFL_SIR_SAR_220220521T024306_20220521T024527_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model		
CS_OFFL_SIR_SAR_220220521T024636_20220521T025645_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model		
CS_OFFL_SIR_SAR_220220521T031912_20220521T031927_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model		

Snow depth model

Snow depth model

Snow depth model

Snow depth model

CS\_OFFL\_SIR\_SAR\_2\_\_20220521T033013\_20220521T033155\_E001

CS\_OFFL\_SIR\_SAR\_2\_20220521T033801\_20220521T033807\_E001

CS\_OFFL\_SIR\_SAR\_2\_\_20220521T033815\_20220521T033817\_E001

CS\_OFFL\_SIR\_SAR\_2\_20220521T034326\_20220521T034629\_E001

There is an error with the Snow Depth value, where one or more records

There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model

There is an error with the Snow Depth value, where one or more records

There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model

falls outside of the extent of the current snow depth model

falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_220220521T041305_20220521T041321_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T042038_20220521T042059_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T042100_20220521T042115_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T043507_20220521T043613_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T043615_20220521T043619_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T043620_20220521T043635_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220521T044737_20220521T045218_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220521T050511 20220521T050604 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220521T050945_20220521T050004_2001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T051700_20220521T051706_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T051713_20220521T051719_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T052110_20220521T052741_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T052741_20220521T052803_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T054036_20220521T054051_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T054057_20220521T054249_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T055644_20220521T055707_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T060000_20220521T060215_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T063141_20220521T063228_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T063231_20220521T063417_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T064833_20220521T064921_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T065613_20220521T065619_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T070550_20220521T070613_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T070616_20220521T070900_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220521T073139 20220521T073155 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220521T073624 20220521T073840 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220521T073854 20220521T073933 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220521T080443 20220521T080540 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220521T080549 20220521T080553 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T080554_20220521T080811_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220521T080811 20220521T080942 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220521T080948_20220521T080942_2001		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220521T082727_20220521T082829_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T084038_20220521T084207_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T100709_20220521T100809_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T101933_20220521T102142_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T104849_20220521T105014_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T110954_20220521T111111_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T111616_20220521T111706_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T114702_20220521T114747_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records fails outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T115838_20220521T120108_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T123632_20220521T123707_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T124945_20220521T125037_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T125200_20220521T125220_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T125913_20220521T125949_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T131649_20220521T131853_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T132546_20220521T132727_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T133721_20220521T134048_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T140222_20220521T140507_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T141412_20220521T141721_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T142612_20220521T142631_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
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CS_OFFL_SIR_SAR_220220521T143042_20220521T143403_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T143413_20220521T143422_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T143627_20220521T143756_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20220521T145116 20220521T145303 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220521T150426 20220521T150711 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220521T151647_20220521T152008_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220521T155319 20220521T155438 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220521T155441_20220521T155442_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T160449_20220521T160606_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T160620_20220521T160845_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T164053_20220521T164752_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T165846_20220521T165924_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T170518_20220521T170606_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T171151_20220521T171431_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T171643_20220521T172122_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T172800_20220521T172819_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T174947_20220521T174957_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T175542_20220521T175620_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T180525_20220521T180739_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T183809_20220521T183855_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T184519_20220521T184625_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T185312_20220521T185451_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T191019_20220521T191027_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T191029_20220521T191055_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T192440_20220521T192555_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS OFFL SIR SAR 2 20220521T192824 20220521T192914 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220521T193456 20220521T193626 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220521T200354 20220521T200519 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220521T201745 20220521T201812 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 202205211204032 202205211204122 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220521T204142_20220521T204143_E001		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220521T204151_20220521T204219_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T204818_20220521T204823_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T214250_20220521T214454_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220220521T215558_20220521T215739_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T223231_20220521T223351_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220521T225333_20220521T225453_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T232147_20220521T232429_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220521T233543_20220521T233601_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SIN_220220521T001518_20220521T001855_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220521T015441_20220521T015800_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220521T051922_20220521T052110_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220521T065752_20220521T070359_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220521T083727_20220521T084038_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220521T133413_20220521T133721_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220521T151314_20220521T151646_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220521T164753_20220521T165027_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220521T182323_20220521T182913_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220521T232429_20220521T232824_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

### 5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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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.

#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220520T233942_20220521T001212_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_220220521T002640_20220521T003216_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_220220521T003610_20220521T004131_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_20220521T005532_20220521T005601_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_20220521T010329_20220521T010456_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_220220521T011817_20220521T015141_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220521T020618_20220521T022456_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_20220521T023350_20220521T023518_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_220220521T024250_20220521T024305_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_20220521T025646_20220521T031912_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_220220521T034630_20220521T041305_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_20220521T041321_20220521T042038_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_220220521T043636_20220521T044736_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_220220521T045218_20220521T050511_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_220220521T052803_20220521T054035_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_220220521T054249_20220521T055643_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_220220521T055707_20220521T055959_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_220220521T062209_20220521T063141_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_220220521T063417_20220521T064832_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_220220521T070901_20220521T071215_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_220220521T072426_20220521T072627_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_20220521T072750_20220521T073139_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_20220521T073156_20220521T073501_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_20220521T075110_20220521T080024_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220521T081121_20220521T082727_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_20220521T084207_20220521T090559_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_20220521T094147_20220521T100708_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_220220521T102142_20220521T104849_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), Height Error	There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_220220521T111706_20220521T112637_E001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220220521T112639_20220521T114701_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_220220521T120109_20220521T121858_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_20220521T123105_20220521T123458_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_20220521T124805_20220521T124944_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_20220521T125220_20220521T125613_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_220220521T125950_20220521T130111_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_20220521T134048_20220521T140221_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_20220521T140507_20220521T141412_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_220220521T142631_20220521T143041_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_220220521T144629_20220521T145116_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_20220521T145304_20220521T150426_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_20220521T152009_20220521T152513_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_220220521T152523_20220521T155319_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_220220521T160933_20220521T164053_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220521T165924_20220521T170518_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_20220521T170606_20220521T171151_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_20220521T171431_20220521T171642_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_20220521T172122_20220521T172800_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_220220521T174957_20220521T175542_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_220220521T175620_20220521T180525_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_20220521T181145_20220521T182323_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_20220521T183855_20220521T184518_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_220220521T184625_20220521T185312_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_220220521T185451_20220521T191019_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220521T192915_20220521T193020_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220521T193143_20220521T193455_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_220220521T193627_20220521T193853_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_220220521T194015_20220521T194504_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_220220521T194755_20220521T200353_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_220220521T201812_20220521T204032_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_220220521T204533_20220521T204625_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_0FFL_SIR_LRM_220220521T211811_20220521T214249_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_220220521T215740_20220521T222236_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 20220521T222238 20220521T222614 E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS OFFL SIR LRM 2 20220521T225453 20220521T232147 E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
	Error (Retracker 2) Height Error (Retracker 2), Height Error	records There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_220220521T233601_20220521T235823_E001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220220521T235826_20220522T000126_E001	Error (Retracker 2) Backscatter Error (Retracker 2),	records
CS_OFFL_SIR_SAR_220220521T001212_20220521T001517_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T002548_20220521T002639_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T003217_20220521T003609_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T005258_20220521T005400_E001	Backscatter Error (Retracker 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_20220521T005407_20220521T005426_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T005910_20220521T010233_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T010456_20220521T010545_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T010615_20220521T011403_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T015142_20220521T015441_E001	Backscatter Error (Retracker 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_20220521T020438_20220521T020618_E001	Backscatter Error (Retracker 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_20220521T023313_20220521T023350_E001	Backscatter Error (Retracker 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_20220521T023518_20220521T023640_E001	Backscatter Error (Retracker 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_20220521T023644_20220521T023818_E001	Backscatter Error (Retracker 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_20220521T023818_20220521T024249_E001	Backscatter Error (Retracker 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_20220521T024306_20220521T024527_E001	Backscatter Error (Retracker 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_20220521T024636_20220521T025645_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T031912_20220521T031927_E001	Backscatter Error (Retracker 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_20220521T033013_20220521T033155_E001	Backscatter Error (Retracker 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_20220521T034326_20220521T034629_E001	Backscatter Error (Retracker 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_20220521T041305_20220521T041321_E001	Backscatter Error (Retracker 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_20220521T042038_20220521T042059_E001	Backscatter Error (Retracker 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_20220521T042100_20220521T042115_E001	Backscatter Error (Retracker 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_20220521T042552_20220521T043307_E001	Backscatter Error (Retracker 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_20220521T043620_20220521T043635_E001	Backscatter Error (Retracker 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_20220521T044737_20220521T045218_E001	Backscatter Error (Retracker 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_20220521T050511_20220521T050604_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T050945_20220521T051002_E001	Backscatter Error (Retracker 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_20220521T052110_20220521T052741_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T052741_20220521T052803_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T054057_20220521T054249_E001	Backscatter Error (Retracker 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_20220521T055644_20220521T055707_E001	Backscatter Error (Retracker 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_20220521T060000_20220521T060215_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T060510_20220521T061226_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T063141_20220521T063228_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T063231_20220521T063417_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T064833_20220521T064921_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T070550_20220521T070613_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T070616_20220521T070900_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T073139_20220521T073155_E001	Backscatter Error (Retracker 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_20220521T073624_20220521T073840_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T073854_20220521T073933_E001	Backscatter Error (Retracker 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_20220521T074352_20220521T075048_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T075055_20220521T075110_E001	Backscatter Error (Retracker 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_20220521T080554_20220521T080811_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T080811_20220521T080942_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T080948_20220521T081121_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T082727_20220521T082829_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T084038_20220521T084207_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T100709_20220521T100809_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T101933_20220521T102142_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T104849_20220521T105014_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T105908_20220521T110648_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T110703_20220521T110815_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T110901_20220521T110937_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T110954_20220521T111111_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T114702_20220521T114747_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T115838_20220521T120108_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T123842_20220521T124240_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T124240_20220521T124804_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T125200_20220521T125220_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T125913_20220521T125949_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T131649_20220521T131853_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T132546_20220521T132727_E001	Backscatter Error (Retracker 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_20220521T133721_20220521T134048_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

GS DFL SFL SL 2.202021114022 20202111401 EDD     Bootstatt EVD Prison 2 with Prison 2 and Strate or monocula       GS DFL SFL SFL SL 2.2020211141412 XED20111471 EDD     Bootstatt EVD Prison 2 with Prison 2 and Strate or monocula       GS DFL SFL SFL SL 2.202021114112 XED20111471 EDD     Bootstatt EVD Prison 2 with Prison 2 and Strate or monocula       GS DFL SFL SFL SL 2.202021114112 XED20111471 EDD     Bootstatt EVD Prison 2 with Prison 2 and Strate or monocula       GS DFL SFL SFL SL 2.202021114112 XED201114711 EDD     Bootstatt EVD Prison 2 with Prison 2 and Strate or monocula       GS DFL SFL SFL SL 2.202021114011 XED201114011 EDD     Bootstatt EVD Prison 2 with Prison 2 and Strate or monocula       GS DFL SFL SFL SL 2.202021114011 XED201114011 EDD     Bootstatt EVD Prison 2 with Prison 2 and Strate or monocula       GS DFL SFL SFL SL 2.202021110011 XED201110011 XED201110011     Bootstatt EVD Prison 2 with Prison 2 and Strate or monocula       GS DFL SFL SFL SL 2.202021110011 XED201110011 XED201		
CUT_DUC	CS_OFFL_SIR_SAR_2_20220521T140222_20220521T140507_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
March 2010         Construction         Interaction	CS_OFFL_SIR_SAR_2_20220521T141412_20220521T141721_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
<ul> <li>Jan Jan Jan Jan Jan Jan Jan Jan Jan Bereade Eur (Reade 1)</li> <li>Jan Jan Jan Jan Jan Jan Jan Jan Jan Jan</li></ul>	CS_OFFL_SIR_SAR_2_20220521T141723_20220521T142403_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
An UPP (and UPP) and UPP (and UPP) and UPP) and UPP (and UPP) and UPP (and UPP) and UPP (and UPP) and UPP (and UPP) and	CS_OFFL_SIR_SAR_2_20220521T142403_20220521T142541_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Control Sector Academic Sector Sec	CS_OFFL_SIR_SAR_2_20220521T142612_20220521T142631_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
So STML SIN SIN 2. ACCORDING 1002 20220211110000 L001       Recketable from fire fires data       Intel & Bookcater from fire fires data         SD_GPTL_SIN_APD0000011145118_00000000_E001       Recketable from fire fires data       There is a backcater end to finance 2 and 3 for own on the endods         SD_GPTL_SIN_APD0000011145118_0000000_E001       Recketable from fires data       There is a backcater end to finance 2 and 3 for own on the endods         SD_GPTL_SIN_APD000001115180_000000_E001       Recketable from fires data       There is a backcater end to finance 2 and 3 for own on the endods         SD_GPTL_SIN_APD000001115518_000000_E001       Recketable from fires data       There is a backcater end to finance 2 and 3 for own on the endods         SD_GPTL_SIN_APD0000011155517_000000_E001       Recketable from fires data       There is a backcater end to finance 2 and 3 for own on the endods         SD_GPTL_SIN_APD0000011155517_000000_E001       Recketable from fires data       There is a backcater end to finance 2 and 3 for own on the endods         SD_GPTL_SIN_APD0000011165517_00000_E001       Recketable from fires data       There is a backcater end to finance 2 and 3 for own on the endods         SD_GPTL_SIN_APD0000011165517_00000_E001       Recketable from fires data       There is a backcater end to finance 2 and 3 for own on the endods         SD_GPTL_SIN_APD0000011165517_00000_E001       Recketable from fires data       There is a backcater end to finance 2 and 3 for own on there endods         SD_GPTL_SIN_APD0000	CS_OFFL_SIR_SAR_2_20220521T143042_20220521T143403_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Control         Control         Descende Env (Respond)         The ele audocation environ fermanacia a una so una minimization           Dis GPEL_BEL_AND_INSTITUTE ENT         Rescende Env (Respond)         There a backsonth environ fermanacia a una so una minimization           Dis GPEL_BEL_AND_INSTITUTE ENT         Rescende Env (Respond)         There a backsonth environ fermanacia a una so una minimization           Dis GPEL_BEL_AND_INSTITUTE ENT         Rescende Env (Respond)         There a backsonth environ fermanacia a una so una minimization           Dis GPEL_BEL_AND_INSTITUTE ENT         Rescende Env (Respond)         There a backsonth environ fermanacia           Dis GPEL_BEL_AND_INSTITUTE ENT         Rescende Env (Respond)         There a backsonth environ fermanacia           Dis GPEL_BEL_AND_INSTITUTE ENT         Rescende Env (Respond)         There a backsonth environ fermanacia           Dis GPEL_BEL_AND_INSTITUTE ENT         Rescende Env (Respond)         There a backsonthe environ fermanacia           Dis GPEL_BEL_AND_INSTITUTE ENT         Rescende Env (Respond)         There a backsonthe environ fermanacia           Dis GPEL_BEL_AND_INSTITUTE ENT         Rescende Env (Respond)         There a backsonthe environ fermanacia           Dis GPEL_BEL_AND_INSTITUTE ENT         Rescende Envir (Respond)         There a backsonthe environ fermanacia           Dis GPEL_BEL_AND_INSTITUTE ENT         Rescende Envir (Respond)         There a backsontheenviron fermanacia <td>CS_OFFL_SIR_SAR_2_20220521T143627_20220521T143756_E001</td> <td>There is a backscatter error for Retracker 2 and 3 for one or more records</td>	CS_OFFL_SIR_SAR_2_20220521T143627_20220521T143756_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS UPIL Bit Set 2         Example         Provide a constant of the interference of t	CS_OFFL_SIR_SAR_2_20220521T145116_20220521T145303_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Company       Company       Backwatter Env (Presidence)       Premie a backwatter env for Petrolence 2 and 3 for one or more records         CS, OPFL_SIR_SAR_2_controls 1115631_20000001115631_E001       Backwatter Env (Presidence)       Premie a backwatter env for Petrolsen 2 and 3 for one or more records         CS, OPFL_SIR_SAR_2_controls 1115631_20000001115631_E001       Backwatter Env (Presidence)       Premie a backwatter env for Petrolsen 2 and 3 for one or more records         CS, OPFL_SIR_SAR_2_controls 1115631_E001       Backwatter Env (Presidence)       Premie a backwatter env for Petrolsen 2 and 3 for one or more records         CS, OPFL_SIR_SAR_2_controls 1115631_E001       Backwatter Env (Presidence)       Premie a backwatter env for Petrolsen 2 and 3 for one or more records         CS, OPFL_SIR_SAR_2_controls 1115631_E001       Backwatter Env (Presidence)       Premie a backwatter env for Petrolsen 2 and 3 for one or more records         CS, OPFL_SIR_SAR_2_controls 1115632_E001       Backwatter Env (Presidence)       Premie a backwatter env for Petrolsen 2 and 3 for one or more records         CS, OPFL_SIR_SAR_2_controls 1115632_E001       Backwatter Env (Presidence)       Premie a backwatter env for Petrolsen 2 and 3 for one or more records         CS, OPFL_SIR_SAR_2_controls 1115632_E001       Backwatter Env (Presidence)       Premie a backwatter env for Petrolsen 2 and 3 for one or more records         CS, OPFL_SIR_SAR_2_controls 1115635_E001       Backwatter Env (Presidence)       Prem is a backwatter env for Petrolsen 2 and 3 for one or more recor	CS_OFFL_SIR_SAR_2_20220521T150426_20220521T150711_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
S. OFFL SIR SAR 2_ 2022021110501_2022031110500_E001       Bedocate Enror (Presseler 3)       There is a backbacter enror for Partacker 2 and 3 for one or more records         SG_OFFL_SIR_SAR 2_ 2022021110501_012020101110500_E001       Bedocater Enror (Presseler 3)       There is a backbacter enror for Partacker 2 and 3 for one or more records         SG_OFFL_SIR_SAR 2_ 2022021110500_E001       Bedocater Enror (Presseler 3)       There is a backbacter enror for Partacker 2 and 3 for one or more records         SG_OFFL_SIR_SAR 2_ 2022021110500_E001       Bedocater Enror (Presseler 3)       There is a backbacter enror for Partacker 2 and 3 for one or more records         SG_OFFL_SIR_SAR 2_ 2022021110500_E001       Bedocater Enror (Presseler 3)       There is a backbacter enror for Partacker 2 and 3 for one or more records         SG_OFFL_SIR_SAR 2_ 2022021110500_E002021110508_E001       Bedocater Enror (Presseler 3)       There is a backbacter enror for Partacker 2 and 3 for one or more records         SG_OFFL_SIR_SAR 2_ 2022021110508_E001       Bedocater Enror (Presseler 3)       There is a backbacter enror for Partacker 2 and 3 for one or more records         SG_OFFL_SIR_SAR 2_ 2022021110508_E002021110508_E001       Bedocater Enror (Presseler 3)       There is a backbacter enror for Partacker 2 and 3 for one or more records         SG_OFFL_SIR_SAR 2_ 2022021110508_E00201110508_E001       Bedocater Enror (Presseler 3)       There is a backbacter enror for Partacker 2 and 3 for one or more records         SG_OFFL_SIR_SAR 2_ 20220211110508_E001       Bedocater Enror (Presseler 3)	CS_OFFL_SIR_SAR_2_20220521T151647_20220521T152008_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
G. OFFL_SIR_SAR_2_0020521115801_0020051110800_E001       Backstatte Error (Render 2)       There is a backscatter error for Render 2)         G. OFFL_SIR_SAR_2_0020521115801_0020051110800_E001       Backstatter Error (Render 2)       There is a backscatter error for Render 2)         G. OFFL_SIR_SAR_2_0020521116001_0020051110800_E001       Backstatter Error (Render 2)       There is a backscatter error for Render 2)         G. OFFL_SIR_SAR_2_0020521116000_E001       Backstatter Error (Render 2)       There is a backscatter error for Render 2)         G. OFFL_SIR_SAR_2_0020521116000_E001       Backstatter Error (Render 2)       There is a backscatter error for Render 2)         G. OFFL_SIR_SAR_2_0020521116000_E001       Backstatter Error (Render 2)       There is a backscatter error for Render 2 and 3 for one or more records         G. OFFL_SIR_SAR_2_0020521116000_E001       Backstatter Error (Render 2)       There is a backscatter error for Render 2 and 3 for one or more records         G. OFFL_SIR_SAR_2_0020521116600_E001       Backstatter Error (Render 2)       There is a backscatter error for Render 2 and 3 for one or more records         G. OFFL_SIR_SAR_2_0020521117601_202200211176006_E001       Backstatter Error (Render 2)       There is a backscatter error for Render 2 and 3 for one or more records         G. OFFL_SIR_SAR_2_0020521117601_2020021117600_E001       Backstatter Error (Render 2)       There is a backscatter error for Render 2 and 3 for one or more records         G. OFFL_SIR_SAR_2_00205211177641_2020021117212_E001       Ba	CS_OFFL_SIR_SAR_2_20220521T155319_20220521T155438_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Boldwardter Error (Remover 3)       There is a backacture error for Retrocker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_20222521116001_02220211160128_E001       Backacture Error (Remover 3)       There is a backacture error for Retrocker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_0220521116001_0220021116000_00200211160002_E001       Backacture Error (Remover 2)       There is a backacture error for Retrocker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_0020021116000_00200211160002_E001       Backacture Error (Remover 2)       There is a backacture error for Retrocker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_0020021116000_00200211160002_E001       Backacture Error (Remover 2)       There is a backacture error for Retrocker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_00200211160002_E001       Backacture Error (Retrocker 2)       There is a backacture error for Retrocker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_00200211170018_00200211170018_E001       Backacture Error (Retrocker 2)       There is a backacture error for Retrocker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_0020021117011_0020031117014_E001       Backacture Error (Retrocker 2)       There is a backacture error for Retrocker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_0020021117014_2E001       Backacture Error (Retrocker 2)       There is a backacture error for Retrocker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_00200201117014_0200311172145_E001       Backacture Error (Retrocker 2)       Th	CS_OFFL_SIR_SAR_2_20220521T155637_20220521T155804_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
G. OFFL_SIR_SAR_2_2022051116049_20220521116049_E001     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     S. OFFL_SIR_SAR_2_202205211170518_202205211172612_E001     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     Backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error (Retracker 2)     There is a backcatter error for Retracker 2 and 3 for one or more records     Backcatter Error	CS_OFFL_SIR_SAR_2_20220521T155812_20220521T160301_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
GS_OFF_SIR_SAR_2_20220511160680_20205211160845_E001       Backcaster Error (Retracker 2), Backcaster Error (Retracker 2), SS_OFF_SIR_SAR_2_202205211160680_20205211160845_E001       Backcaster Error (Retracker 2), Backcaster Error (Retracker 2), Backcaster Error (Retracker 2), SS_OFF_SIR_SAR_2_202205211160468_20205211160584_E001       Backcaster Error (Retracker 2), Backcaster Error (Re	CS_OFFL_SIR_SAR_2_20220521T160301_20220521T160426_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
US_OPEL_SIR_SAR_2_20220211164051_202205211164051_202205211164051_202205211164051_202205211164051_202205211164051_202205211164051_202205211164051_202205211165054_2020       Backscatter Error (Renader 3)       There is a backscatter error for Petracker 2 and 3 for one or more records         CS_OPEL_SIR_SAR_2_202205211164051_202205211164052_2020       Backscatter Error (Renader 2)       There is a backscatter error for Petracker 2 and 3 for one or more records         CS_OPEL_SIR_SAR_2_202205211170518_202205211170518_202205211170508_E001       Backscatter Error (Renader 2)       There is a backscatter error for Petracker 2 and 3 for one or more records         CS_OPEL_SIR_SAR_2_202205211170518_202205211171619_202205211171631_E001       Backscatter Error (Renader 2)       There is a backscatter error for Petracker 2 and 3 for one or more records         CS_OPEL_SIR_SAR_2_202205211171619_202205211171619_202205211171619_E001       Backscatter Error (Renader 2)       There is a backscatter error for Petracker 2 and 3 for one or more records         CS_OPEL_SIR_SAR_2_202205211171619_202205211171619_E001       Backscatter Error (Renader 2)       There is a backscatter error for Petracker 2 and 3 for one or more records         CS_OPEL_SIR_SAR_2_202205211171619_202205211171415_E001       Backscatter Error (Renader 2)       There is a backscatter error for Petracker 2 and 3 for one or more records         CS_OPEL_SIR_SAR_2_20220521117280_20205211174145_E001       Backscatter Error (Renader 2)       There is a backscatter error for Petracker 2 and 3 for one or more records         CS_OFEL_SIR_SAR_2_202205211174447_202052511174455_E001	CS_OFFL_SIR_SAR_2_20220521T160449_20220521T160606_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
US_OFF_SIR_SAR_2_20220521116934_20220521116935_E001       Backscatter Error (Retracker 9)       Inter is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202205211170518_202205211170518_202205211170518_2022052111716392       Backscatter Error (Retracker 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_202205211172810_202205211172819_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202205211172810_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202205211174145_202205211174145_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202205211174145_202205211174657_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202205211176457_E001       Backscatter Error (Retracker 3)       There is a backscatte	CS_OFFL_SIR_SAR_2_20220521T160620_20220521T160845_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),	CS_OFFL_SIR_SAR_2_20220521T164053_20220521T164752_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
US_OFFL_SIR_SAR_2_202205211171616_202205211171405       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202205211171643_202205211172122_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202205211172600_202205211172122_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521117260_202205211172169_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202205211173616_202205211174165_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202205211174956_202205211174957_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202205211174947_202205211174957_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202205211174947_202205211174957_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202205211176542_802205211174957_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records <t< td=""><td>CS_OFFL_SIR_SAR_2_20220521T165846_20220521T165924_E001</td><td>There is a backscatter error for Retracker 2 and 3 for one or more records</td></t<>	CS_OFFL_SIR_SAR_2_20220521T165846_20220521T165924_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
US_OFFL_SIR_SAR_2_20205211171631_20220521117152_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),	CS_OFFL_SIR_SAR_2_20220521T170518_20220521T170606_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
G0_011_C_GR_GAR_2_0020021117260_2002011172612_E001       Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), CS_OFFL_SIR_SAR_2_20220521T185312_20220521T184551_E001     Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),	CS_OFFL_SIR_SAR_2_20220521T171151_20220521T171431_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_2020521T172600_2020521T172615_E001       Backscatter Error (Retracker 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_2020521T174145_2020521T174155_E001       Backscatter Error (Retracker 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_2020521T174947_20220521T174957_E001       Backscatter Error (Retracker 3), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_2020521T175542_2020521T175620_E001       Backscatter Error (Retracker 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_2020521T183809_2020521T183805_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracke	CS_OFFL_SIR_SAR_220220521T171643_20220521T172122_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_2020521T174165_2020521T174165_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_2020521T174145_20220521T174258_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T174947_20220521T174957_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T175642_20220521T175620_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T175642_20220521T175620_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T183809_20220521T183855_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T184519_20220521T184625_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T184519_20220521T184625_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T18451_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         C	CS_OFFL_SIR_SAR_2_20220521T172800_20220521T172819_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220521T174145_20220521T17495_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T174947_20220521T174957_E001       Backscatter Error (Retracker 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_20220521T175642_20220521T175620_E001       Backscatter Error (Retracker 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_20220521T183809_20220521T183805_E001       Backscatter Error (Retracker 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_20220521T184519_20220521T184555_E001       Backscatter Error (Retracker 3), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T184519_20220521T184551_E001       Backscatter Error (Retracker 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_20220521T191636_20220521T1915451_E001       Backscatter Error (Retracker 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_20220521T191636_20220521T1915451_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_	CS_OFFL_SIR_SAR_220220521T173616_20220521T174145_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220521T175542_20220521T175620_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T175542_20220521T175620_E001       Backscatter Error (Retracker 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_20220521T184519_20220521T184625_E001       Backscatter Error (Retracker 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_20220521T184519_20220521T184625_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T185312_20220521T185451_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T191636_20220521T191722_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T191917_20220521T192228_E001       Backscatter Error (Retracker	CS_OFFL_SIR_SAR_2_20220521T174145_20220521T174258_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220521T193809_20220521T193855_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2)	CS_OFFL_SIR_SAR_220220521T174947_20220521T174957_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220521T183805_2001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T184519_20220521T184625_E001       Backscatter Error (Retracker 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_20220521T185312_20220521T185451_E001       Backscatter Error (Retracker 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_20220521T191636_20220521T191722_E001       Backscatter Error (Retracker 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_20220521T191636_20220521T191722_E001       Backscatter Error (Retracker 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_20220521T191826_20220521T191917_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T191917_20220521T19228_E001       Backscatter Error (Retracker 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_20220521T192440_20220521T192555_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more re	CS_OFFL_SIR_SAR_220220521T175542_20220521T175620_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220521T184519_20220521T184625_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T185312_20220521T185451_E001       Backscatter Error (Retracker 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_20220521T191636_20220521T191722_E001       Backscatter Error (Retracker 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_20220521T191636_20220521T191722_E001       Backscatter Error (Retracker 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_20220521T191826_20220521T191917_E001       Backscatter Error (Retracker 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_20220521T191917_20220521T19228_E001       Backscatter Error (Retracker 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_20220521T192440_20220521T19255_E001       Backscatter Error (Retracker 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_20220521T192824_20220521T192555_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR	CS_OFFL_SIR_SAR_220220521T183809_20220521T183855_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220521T191636_20220521T191722_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2)	CS_OFFL_SIR_SAR_2_20220521T184519_20220521T184625_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220521T191836_20220521T191722_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T191826_20220521T191917_E001       Backscatter Error (Retracker 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_20220521T191917_20220521T192228_E001       Backscatter Error (Retracker 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_20220521T192440_20220521T192555_E001       Backscatter Error (Retracker 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_20220521T192440_20220521T192555_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T192440_20220521T192555_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),       There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_2_20220521T185312_20220521T185451_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220521T191826_20220521T191917_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T191917_20220521T192228_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T192440_20220521T192555_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T192440_20220521T192555_E001       Backscatter Error (Retracker 2), Error (Retracker 2), Backscatter Error (Retrac	CS_OFFL_SIR_SAR_2_20220521T191636_20220521T191722_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220521T192440_20220521T192555_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T192440_20220521T192555_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220521T192440_20220521T192555_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),       There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_2_20220521T191826_20220521T191917_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202205211192440_20220521119255_E001 Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202205211192440_202205211192914_E001 Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_2_20220521T191917_20220521T192228_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_220220521T192440_20220521T192555_E001	There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_2_20220521T192824_20220521T192914_E001	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220220521T193456_20220521T193626_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T200354_20220521T200519_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T201745_20220521T201812_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T204032_20220521T204122_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T205448_20220521T210142_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T214250_20220521T214454_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T215558_20220521T215739_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T223231_20220521T223351_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T223434_20220521T223626_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T223644_20220521T224210_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T225333_20220521T225453_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T232147_20220521T232429_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220521T233543_20220521T233601_E001	Backscatter Error (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_220220521T001518_20220521T001855_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_220220521T002433_20220521T002547_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_220220521T005427_20220521T005531_E001	Backscatter Error (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_220220521T010233_20220521T010328_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_220220521T010545_20220521T010615_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_20220521T011403_20220521T011538_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_220220521T011626_20220521T011816_E001	Backscatter Error (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_220220521T015441_20220521T015800_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_20220521T020312_20220521T020437_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_20220521T022456_20220521T022809_E001	Backscatter Error (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_220220521T024527_20220521T024635_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_20220521T033155_20220521T033531_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_220220521T034218_20220521T034325_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_220220521T042116_20220521T042236_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_220220521T042440_20220521T042552_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_20220521T051002_20220521T051141_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_220220521T051922_20220521T052110_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_220220521T060215_20220521T060507_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_20220521T061820_20220521T062209_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 20220521T064922 20220521T065107 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
	track Angle Error	was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220220521T065630_20220521T065636_E001	SARIn X-track Angle Error	records
CS_OFFL_SIR_SIN_220220521T065752_20220521T070359_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_220220521T070429_20220521T070443_E001	Backscatter Error (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_220220521T070613_20220521T070615_E001	Backscatter Error (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_220220521T071216_20220521T071634_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_220220521T071636_20220521T072203_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_20220521T072627_20220521T072749_E001	Backscatter Error (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_220220521T073841_20220521T073854_E001	Backscatter Error (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_220220521T073934_20220521T074351_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_220220521T075048_20220521T075055_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220521T080024_20220521T080330_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_20220521T082829_20220521T083102_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_20220521T083545_20220521T083551_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220521T083727_20220521T084038_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_20220521T100809_20220521T100924_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_220220521T101445_20220521T101450_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220521T101816_20220521T101933_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_220220521T105325_20220521T105908_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_220220521T110649_20220521T110703_E001	Backscatter Error (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_220220521T110815_20220521T110900_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_220220521T110937_20220521T110954_E001	Backscatter Error (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_220220521T114748_20220521T114911_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_220220521T115723_20220521T115838_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_220220521T123459_20220521T123632_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_220220521T125708_20220521T125912_E001	Backscatter Error (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_220220521T132727_20220521T132852_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_220220521T133413_20220521T133721_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_220220521T142541_20220521T142612_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_220220521T150711_20220521T150938_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_220220521T151314_20220521T151646_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_220220521T155804_20220521T155812_E001	Backscatter Error (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_220220521T160426_20220521T160449_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220521T160606_20220521T160620_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220521T160846_20220521T160933_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_20220521T164753_20220521T165027_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_20220521T165221_20220521T165512_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220521T165655_20220521T165845_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_20220521T172820_20220521T172951_E001	Backscatter Error (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_220220521T174258_20220521T174419_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_220220521T174832_20220521T174947_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_220220521T182323_20220521T182913_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_220220521T183136_20220521T183207_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220521T183630_20220521T183809_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_20220521T191723_20220521T191825_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_220220521T192228_20220521T192439_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_20220521T192555_20220521T192823_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_220220521T193021_20220521T193142_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_220220521T193853_20220521T194015_E001	Backscatter Error (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_220220521T194504_20220521T194755_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_220220521T200519_20220521T200701_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_220220521T201541_20220521T201745_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_20220521T204144_20220521T204150_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_2_20220521T204220_20220521T204532_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_20220521T204625_20220521T204749_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_20220521T210142_20220521T210630_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_220220521T214455_20220521T214619_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_220220521T214807_20220521T214906_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220521T215338_20220521T215558_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_220220521T223352_20220521T223433_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_20220521T223627_20220521T223644_E001	Backscatter Error (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_220220521T224210_20220521T225256_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_220220521T232429_20220521T232824_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