

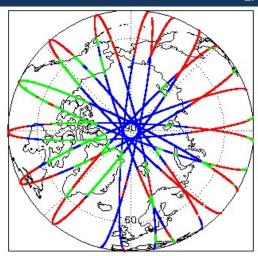
## 1. Overview

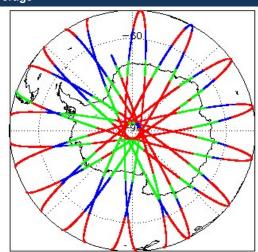
Report Production Date:	07-Sep-2022
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

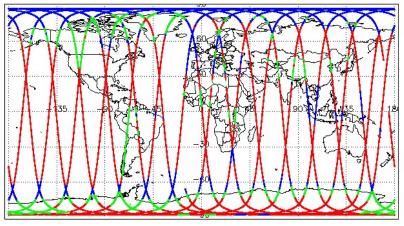
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Fail
Product Format Check	See Sections 4.1, 5.1 and 6.1
Product Header Analysis	See Section 5.2
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	See Section 4.6, 5.3 and 6.3
L1B & L2 Auxiliary Correction Error Check	See Section 4.7 and 5.4
L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5
QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3

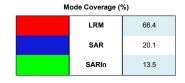
N	Mission / Instrument News		
	06-Aug-2022	None	
	07-Aug-2022	None	
	08-Aug-2022	Nothing planned	

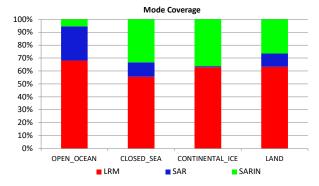
# 2. Global Coverage

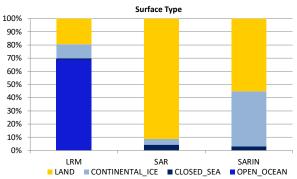












## 3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

## 4. Level 1B Data Quality Check

#### 4.1 L1B Product Format Check

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

Number of products with errors: Not

#### 4.2 L1B Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.

Number of products with errors: Not 0!

#### 4.3 Star Tracker Usage Check

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

Number of products with errors:

### 4.4 L1B Tracking Flags Check

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

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

Number of products with errors: 10

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220807T000000_20220807T003518_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T005415_20220807T010646_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T013828_20220807T014311_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T014314_20220807T014429_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T014431_20220807T014435_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T014437_20220807T014447_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T014535_20220807T015735_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T015940_20220807T021430_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T023128_20220807T024153_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T024300_20220807T024355_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T024358_20220807T024518_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T024813_20220807T030306_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T031717_20220807T032347_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T032349_20220807T033051_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T040206_20220807T040312_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T040922_20220807T044147_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T044354_20220807T044450_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T045548_20220807T050336_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T050450_20220807T050541_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T050939_20220807T053051_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T054754_20220807T061339_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T061342_20220807T061519_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T061522_20220807T061547_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T061549_20220807T061616_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T063657_20220807T063703_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T063816_20220807T064254_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T064335_20220807T064633_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T064636_20220807T064715_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T064719_20220807T071158_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T072003_20220807T072331_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T081331_20220807T082014_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T082048_20220807T082129_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T082328_20220807T082354_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T082356_20220807T082403_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T082405_20220807T082410_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T082412_20220807T082429_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T082526_20220807T082634_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T082637_20220807T082639_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T082642_20220807T082643_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T082645_20220807T083348_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T083723_20220807T083853_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20220807T083857_20220807T084323_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T085455_20220807T090028_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T095553_20220807T095603_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T100001_20220807T100021_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T100033_20220807T100043_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T100446_20220807T100633_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T100816_20220807T101123_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T103417_20220807T103925_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T111544_20220807T112201_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T122605_20220807T124047_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T124732_20220807T130159_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T133346_20220807T134744_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T135539_20220807T135740_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T140500_20220807T142000_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T142202_20220807T143125_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T143412_20220807T144141_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T145406_20220807T151026_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T160724_20220807T160830_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T160835_20220807T160837_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220807T160839 20220807T160843 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220807T160848 20220807T160852 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220807T161233 20220807T161323 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T161331_20220807T161334_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T161341_20220807T161348_E001	Loss of echo	The tracking echo is missing for one or more records
	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T161351_20220807T161401_E001		
CS_OFFL_SIR_LRM_1B_20220807T161405_20220807T161530_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T161533_20220807T161541_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T161543_20220807T162126_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T163612_20220807T170850_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T171458_20220807T172032_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T172449_20220807T174819_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T175224_20220807T175727_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T175854_20220807T175901_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T181205_20220807T181250_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T181414_20220807T181439_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T181954_20220807T182031_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T182035_20220807T182159_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T182203_20220807T184728_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T190335_20220807T192344_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T192347_20220807T193023_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T193025_20220807T193025_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T193027_20220807T193030_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T193032_20220807T193033_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T193035_20220807T193123_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T193125_20220807T193133_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T193136_20220807T193413_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T193446_20220807T194045_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T205026_20220807T205744_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T205918_20220807T210446_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T211016_20220807T211119_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T211132_20220807T211250_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T211250_20220807T211358_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T211702_20220807T211708_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T213257_20220807T220553_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T224304_20220807T224756_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T224829_20220807T225009_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220807T230917_20220807T233152_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220807T233301 20220807T234436 E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20220807T235304 20220807T235701 E001	Loss of echo	The tracking echo is missing for one or more records
	1	]

# 4.5 L1B Calibration Usage Check

#### 4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

#### 4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

#### 4.8 L1B Measurement Confidence Data Check

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

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

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

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

umber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220807T040922_20220807T044147_E001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

## 5. Level 2 Data Quality Check

#### 5.1 L2 Product Format Check

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

Number of products with errors: Not 0!

### 5.2 L2 Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.

Number of products with errors: Not 0

#### 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

#### 5.4 L2 Auxiliary Correction Error Check

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

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

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

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

Number of products with errors: 88

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220807T000000_20220807T003518_E001	GIM Ionospheric corr,	#N/A
CS_OFFL_SIR_SAR_220220807T003518_20220807T003623_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_220220807T004314_20220807T004319_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_220220807T004326_20220807T004333_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_220220807T004759_20220807T005415_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_220220807T010646_20220807T010654_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_220220807T015736_20220807T015939_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_220220807T021430_20220807T021529_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_220220807T022212_20220807T022219_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_220220807T022226_20220807T022231_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_220220807T022635_20220807T023127_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_220220807T024601_20220807T024713_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_220220807T030307_20220807T030341_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_220220807T030341_20220807T030422_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_220220807T030718_20220807T030806_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_220220807T033052_20220807T033516_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_220220807T033541_20220807T033938_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_220220807T035310_20220807T035424_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_220220807T040124_20220807T040130_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_220220807T040747_20220807T040921_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_20220807T044148_20220807T044353_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_220220807T050904_20220807T050938_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_220220807T053052_20220807T053114_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_220220807T053152_20220807T053438_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_220220807T054616_20220807T054753_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_220220807T071158_20220807T071325_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_20220807T072508_20220807T072750_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220807T080253 20220807T080337 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 20220807T082129 20220807T082327 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_20220807T082429_20220807T082526_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 20220807T084323 20220807T084643 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_220220807T085103_20220807T085338_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_220220807T090348_20220807T090750_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_220220807T095604_20220807T095910_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220807T100122_20220807T100446_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_220220807T102903_20220807T103257_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_220220807T104237_20220807T104617_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_220220807T112919_20220807T113206_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_220220807T113244_20220807T113259_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_220220807T113348_20220807T114403_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_220220807T120658_20220807T121351_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_220220807T122402_20220807T122604_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_20220807T124048_20220807T124207_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220807T124251_20220807T124732_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_220220807T131405_20220807T131425_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_20220807T133221_20220807T133346_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_20220807T134744_20220807T135303_E001		falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220807T140422_20220807T140459_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_20220807T142001_20220807T142202_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_220220807T145214_20220807T145249_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_220220807T145300_20220807T145405_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220807T152847_20220807T153035_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_220220807T153111_20220807T153121_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_220220807T154335_20220807T154443_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_220220807T155909_20220807T160049_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_220220807T160049_20220807T160516_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_220220807T160519_20220807T160724_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_220220807T163337_20220807T163612_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_220220807T170850_20220807T171033_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_220220807T172257_20220807T172448_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_20220807T184729_20220807T185002_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_20220807T190150_20220807T190335_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220807T202544_20220807T203009_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_20220807T204031_20220807T204238_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_2202208071204031_202208071204235_E001		falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
	Snow depth model	falls outside of the extent of the current snow depth model  There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220807T210757_20220807T210838_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_20220807T211358_20220807T211702_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_220220807T212052_20220807T212850_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_20220807T213034_20220807T213151_E001	Snow depth model	falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_2_20220807T220553_20220807T220925_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_20220807T221924_20220807T222306_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_20220807T224757_20220807T224828_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_20220807T225010_20220807T225320_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_20220807T225320_20220807T225740_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_20220807T225801_20220807T230008_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_20220807T233152_20220807T233300_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_220220807T234437_20220807T234637_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_20220807T235247_20220807T235252_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_220220807T235300_20220807T235303_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_20220807T235810_20220808T000205_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SIN_2_20220807T022414_20220807T022634_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220807T040313_20220807T040746_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220807T103926_20220807T104236_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220807T121352_20220807T121630_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220807T121830_20220807T122401_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220807T135303_20220807T135539_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220807T203010_20220807T203341_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220807T220925_20220807T221246_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

### 5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors: 223

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220807T000000_20220807T003518_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_220220807T005415_20220807T010646_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_220220807T010654_20220807T012427_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_220220807T013828_20220807T014311_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_220220807T014535_20220807T015735_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_220220807T015940_20220807T021430_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_220220807T023128_20220807T024153_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_220220807T024813_20220807T030306_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_220220807T033517_20220807T033540_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_220220807T033939_20220807T035309_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_220220807T040922_20220807T044147_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_220220807T045548_20220807T050336_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220807T050939_20220807T053051_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_220220807T054754_20220807T061339_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_220220807T061342_20220807T061519_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_220220807T064719_20220807T071158_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_220220807T072751_20220807T080121_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_220220807T081331_20220807T082014_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_220220807T082412_20220807T082429_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_220220807T082645_20220807T083348_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_220220807T084644_20220807T085103_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_20220807T090750_20220807T094040_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_220220807T094046_20220807T094325_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_220220807T095250_20220807T095438_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_220220807T101300_20220807T102903_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_220220807T104618_20220807T110336_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_220220807T111544_20220807T112201_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_220220807T113206_20220807T113244_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_220220807T113300_20220807T113347_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_220220807T114403_20220807T114824_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_220220807T114919_20220807T120657_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_220220807T122605_20220807T124047_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_220220807T124207_20220807T124251_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_220220807T124732_20220807T130159_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_220220807T131425_20220807T133220_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_220220807T133346_20220807T134744_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_220220807T140500_20220807T142000_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_220220807T142202_20220807T143125_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_220220807T145406_20220807T151026_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_220220807T163612_20220807T170850_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_220220807T172449_20220807T174819_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_220220807T182035_20220807T182159_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_220220807T182203_20220807T184728_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_220220807T190335_20220807T192344_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_220220807T193446_20220807T194045_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_220220807T195412_20220807T202544_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_220220807T204238_20220807T204702_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_220220807T211809_20220807T212052_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

	Height Error (Retracker 2), Backscatter	
CS_OFFL_SIR_LRM_2_20220807T213257_20220807T220553_E001	Error (Retracker 2), Surface model unavailable Height Error (Retracker 2), Height Error	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_20220807T222307_20220807T223942_E001	(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_20220807T230917_20220807T233152_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_20220807T233301_20220807T234436_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_SAR_2_20220807T003518_20220807T003623_E001	Backscatter Error (Retracker 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_20220807T004759_20220807T005415_E001	Backscatter Error (Retracker 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_20220807T010646_20220807T010654_E001	Backscatter Error (Retracker 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_20220807T013103_20220807T013644_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T013733_20220807T013827_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T015736_20220807T015939_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T021430_20220807T021529_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T022635_20220807T023127_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T030307_20220807T030341_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T030341_20220807T030422_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T030718_20220807T030806_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T031019_20220807T031716_E001	Backscatter Error (Retracker 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_20220807T033052_20220807T033516_E001	Backscatter Error (Retracker 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_20220807T033541_20220807T033938_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T035310_20220807T035424_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T040747_20220807T040921_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T044148_20220807T044353_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T044843_20220807T045359_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T045432_20220807T045547_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T053052_20220807T053114_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T053152_20220807T053438_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T054616_20220807T054753_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T062642_20220807T063605_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T063605_20220807T063657_E001	Backscatter Error (Retracker 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_20220807T071158_20220807T071325_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T072508_20220807T072750_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T080441_20220807T081214_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T081240_20220807T081331_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T082129_20220807T082327_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220807T082429_20220807T082526_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
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CS_OFFL_SIR_SAR_2_20220807T084323_20220807T084643_E001	Backscatter Error (Retracker 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_20220807T085103_20220807T085338_E001	Backscatter Error (Retracker 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_20220807T090348_20220807T090750_E001	Backscatter Error (Retracker 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_20220807T094325_20220807T095018_E001	Backscatter Error (Retracker 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_20220807T095019_20220807T095141_E001	Backscatter Error (Retracker 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_20220807T095207_20220807T095211_E001	Backscatter Error (Retracker 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_20220807T095237_20220807T095249_E001	Backscatter Error (Retracker 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_20220807T095604_20220807T095910_E001	Backscatter Error (Retracker 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_20220807T100122_20220807T100446_E001	Backscatter Error (Retracker 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_20220807T102903_20220807T103257_E001	Backscatter Error (Retracker 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_20220807T104237_20220807T104617_E001	Backscatter Error (Retracker 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_20220807T112201_20220807T112919_E001	Backscatter Error (Retracker 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_20220807T112919_20220807T113206_E001	Backscatter Error (Retracker 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_20220807T113244_20220807T113259_E001	Backscatter Error (Retracker 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_20220807T113348_20220807T114403_E001	Backscatter Error (Retracker 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_20220807T120658_20220807T121351_E001	Backscatter Error (Retracker 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_20220807T122402_20220807T122604_E001	Backscatter Error (Retracker 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_20220807T124048_20220807T124207_E001	Backscatter Error (Retracker 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_20220807T124251_20220807T124732_E001	Backscatter Error (Retracker 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_20220807T130200_20220807T130325_E001	Backscatter Error (Retracker 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_20220807T130354_20220807T130812_E001	Backscatter Error (Retracker 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_20220807T130813_20220807T130921_E001	Backscatter Error (Retracker 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_20220807T131405_20220807T131425_E001	Backscatter Error (Retracker 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_20220807T133221_20220807T133346_E001	Backscatter Error (Retracker 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_20220807T134744_20220807T135303_E001	Backscatter Error (Retracker 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_20220807T140422_20220807T140459_E001	Backscatter Error (Retracker 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_20220807T142001_20220807T142202_E001	Backscatter Error (Retracker 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_20220807T144141_20220807T144422_E001	Backscatter Error (Retracker 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_20220807T144422_20220807T144826_E001	Backscatter Error (Retracker 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_20220807T145214_20220807T145249_E001	Backscatter Error (Retracker 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_20220807T145300_20220807T145405_E001	Backscatter Error (Retracker 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_20220807T152847_20220807T153035_E001	Backscatter Error (Retracker 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_20220807T153111_20220807T153121_E001	Backscatter Error (Retracker 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_20220807T154335_20220807T154443_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

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Financial Environment of the Company	CS_OFFL_SIR_SAR_2_20220807T160049_20220807T160516_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
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Secondar Enry (Percuest 2)  G. (FFF. SR. JAR. 2, 2009807119202 3020007119204 5001  Decoration Enry (Percuest 2)  J. Backscaller Enry (Retrocker 2)  J. Backs	CS_OFFL_SIR_SAR_220220807T163337_20220807T163612_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Secondar for professor 2 and 3 for one or more records secondary 1 and 1	CS_OFFL_SIR_SAR_220220807T170850_20220807T171033_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Solvetone Fire (Remarker 1) Solvetone Fire (Remarker 2) So	CS_OFFL_SIR_SAR_220220807T172257_20220807T172448_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Solocation from (Personater 2)  Solocation from (Personater 2)	CS_OFFL_SIR_SAR_220220807T175902_20220807T180118_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Remoters 3)  CR_OPPL_SR_SAR_2_2020007119030_202007119033_EB01  Backscatter Error (Remoters 2)  CR_OPPL_SR_SAR_2_2020007120044_2020007119033_EB01  Backscatter Error (Remoters 2)  CR_OPPL_SR_SAR_2_2020007120044_2020007120049_EB01  Backscatter Error (Remoters 2)  CR_OPPL_SR_SAR_2_2020007120049_2020007120049_EB01  Backscatter Error (Remoters 2)  CR_OPPL_SR_SAR_2_2020007120059_2020007120049_EB01  Backscatter Error (Remoters 2)  CR_OPPL_SR_SAR_2_2020007120059_2020007120059_EB01  Backscatter Error (Remoters 2)  CR_OPPL_SR_SAR_2_2020007120059_2020007120059_EB01  Backscatter Error (Remoters 2)  CR_OPPL_SR_SAR_2_2020007120059_2020007120059_EB01  Backscatter Error (Remoters 2)  Backscatter Error (Remoters 2)  CR_OPPL_SR_SAR_2_2020007120059_2020007120059_EB01  Backscatter Error (Remoters 2)  Backscatter Error (Remoters 2)  Backscatter Error (Remoters 2)  CR_OPPL_SR_SAR_2_2020007120059_2020007120059_EB01  Backscatter Error (Remoters 2)  Backscat	CS_OFFL_SIR_SAR_220220807T180138_20220807T180234_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Belascette Fror (Retador 3)  There is a basiscette error for Retador 2 and 3 for one or more records belascette Fror (Retador 3)  Belascette Fror (Retador 3)  There is a basiscette error for Retador 2 and 3 for one or more records belascette Fror (Retador 3)  Belascette Fror (	CS_OFFL_SIR_SAR_220220807T180306_20220807T180756_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter From (Retracker 3)  CS_OFFL_SRR_SAR_2_30226007T194045_30226007T194045_D001  Backscatter From (Retracker 3)  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter From (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one	CS_OFFL_SIR_SAR_220220807T184729_20220807T185002_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Beksonter Error (Petroducer 3)  Beksonter Error (Petroducer 3)	CS_OFFL_SIR_SAR_220220807T190150_20220807T190335_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records Societies from (Retracker 3)  Seekscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records Societies from (Retracker 3)  CS_OFFL_SIR_SAR_2_202208077204702_20220807720602_E001  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records Societies Error (Retracker 3)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2)  Backscatter Error (Retracker 3)  Backscatter Error (Retrac	CS_OFFL_SIR_SAR_220220807T194045_20220807T194954_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Fror (Retracker 2)  Sackscatter Fror (Retracker 2)	CS_OFFL_SIR_SAR_220220807T202544_20220807T203009_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2	CS_OFFL_SIR_SAR_220220807T204031_20220807T204238_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2).	CS_OFFL_SIR_SAR_220220807T204702_20220807T205024_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2).	CS_OFFL_SIR_SAR_220220807T210757_20220807T210838_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_220220807T211358_20220807T211702_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3	CS_OFFL_SIR_SAR_220220807T212052_20220807T212850_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2). Backscatter Error (Retracker 3). Backscatter Error (Retracker 2). Backscatter Error (Retracker 3). Backscatter Error (Retracker 3). Backscatter Error (Retracker 2). Backscatter Error (Retracker 3). Backscatter Error (Retracker 2). Backscatter Error (Retracker 3). Backscatter Error (Retracker 3). Backscatter Error (Retracker 3). Backscatter Error (Retracker 2). Backscatter Error (Retracker 2). Backscatter Error (Retracker 3).	CS_OFFL_SIR_SAR_220220807T220553_20220807T220925_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Fror (Retracker 3)  Backscatter Fror (Retracker 3)  Backscatter Fror (Retracker 2)  Backscatter Fror (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Backscatter Fror (Retracker 3)  Backscatter Fror (Retracker 2)  Backscatter Fror (	CS_OFFL_SIR_SAR_220220807T221924_20220807T222306_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2	CS_OFFL_SIR_SAR_220220807T224757_20220807T224828_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2). Backscatter Error (Retracker 2). Backscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Respectively.  Backscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  Respectively. Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2)  Backscatter Error	CS_OFFL_SIR_SAR_220220807T225010_20220807T225320_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 2) Backscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  CS_OFFL_SIR_SAR_2_20220807T234437_20220807T234637_E001  Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retrac	CS_OFFL_SIR_SAR_220220807T225320_20220807T225740_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3),	CS_OFFL_SIR_SAR_220220807T225801_20220807T230008_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SAR_2_20220807T235810_20220808T000205_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records  There is a backscatter error for Retracker 2 and 3 for one or more records  There is a backscatter error for Retrac	CS_OFFL_SIR_SAR_220220807T230131_20220807T230916_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)  CS_OFFL_SIR_SIN_2_20220807T003623_20220807T003750_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X. track Angle Error  Backscatter Error (Retr	CS_OFFL_SIR_SAR_220220807T233152_20220807T233300_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 3)  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X, track Angle Error  Backscatter Error (Retracker 3), SARIn X, track Ang	CS_OFFL_SIR_SAR_220220807T234437_20220807T234637_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Sackscatter Error (Retracker 3), SARIn X track Angle Error  CS_OFFL_SIR_SIN_2_20220807T004613_20220807T004758_E001  Sackscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 2), SARIn X track Angle Error  Backscatter Error (Retracker 2), SARIn X track Angle Error  Backscatter Error (Retracker 2), SARIn X track Angle Error  Backscatter Error (Retracker 2), SARIN X track Angle Error  Back	CS_OFFL_SIR_SAR_2_20220807T235810_20220808T000205_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220807T014613_20220807T014548_E001  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  CS_OFFL_SIR_SIN_2_20220807T012428_20220807T012548_E001  CS_OFFL_SIR_SIN_2_20220807T013010_20220807T013103_E001  CS_OFFL_SIR_SIN_2_20220807T013010_20220807T013103_E001  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 2), SARIn X track Angle Error  Backscatter Error (Retracker 2), SARIn X track Angle Error  Backscatter Error (Retracker 2), SARIn X track Angle Error  Backscatter Error (Retracker 2), SARIn X track	CS_OFFL_SIR_SIN_220220807T003623_20220807T003750_E001	Backscatter Error (Retracker 3), SARIn X-	
CS_OFFL_SIR_SIN_2_20220807T012428_20220807T012548_E001  Backscatter Error (Retracker 3), SARIn X track Angle Error  CS_OFFL_SIR_SIN_2_20220807T013010_20220807T013103_E001  Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 3), SARIn X track Angle Error  Backscatter Error (Retracker 2), Backs	CS_OFFL_SIR_SIN_220220807T004613_20220807T004758_E001	Backscatter Error (Retracker 3), SARIn X-	
CS_OFFL_SIR_SIN_2_20220807T013010_20220807T013103_E001  Backscatter Error (Retracker 3), SARIn X tack Angle Error  Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X tack Angle Error  Backscatter Error (Retracker 3), SARIn X tack Angle Error  Backscatter Error (Retracker 3), SARIn X tack Angle Error (Setracker 3), SARIn X tack Angle Error, Surface model unavailable  CS_OFFL_SIR_SIN_2_20220807T013644_20220807T013732_E001  Backscatter Error (Retracker 3), SARIn X tack Angle Error (Setracker 3), SARIn	CS_OFFL_SIR_SIN_220220807T012428_20220807T012548_E001	Backscatter Error (Retracker 3), SARIn X-	
CS_OFFL_SIR_SIN_2 _20220807T013644_20220807T013732_E001  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable  CS_OFFL_SIR_SIN_2 _20220807T013644_20220807T013732_E001  Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable  CS_OFFL_SIR_SIN_2 _20220807T013644_20220807T013644_E001  Backscatter Error (Retracker 2),  There is a backscatter error for Betracker 2 and 3 for one or more records.	CS_OFFL_SIR_SIN_2_20220807T013010_20220807T013103_E001	Backscatter Error (Retracker 3), SARIn X-track Angle Error	
	CS_OFFL_SIR_SIN_2_20220807T013644_20220807T013732_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	detected for SARIn mode, and no DEM or Slope Model was used for the
	CS_OFFL_SIR_SIN_220220807T014448_20220807T014534_E001		There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SIN_2_20220807T021529_20220807T021711_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_220220807T022244_20220807T022250_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220807T022414_20220807T022634_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_220220807T030422_20220807T030718_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_220220807T030807_20220807T030937_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_220220807T030940_20220807T031018_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_220220807T035424_20220807T035628_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_220220807T040158_20220807T040205_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220807T040313_20220807T040746_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_220220807T044450_20220807T044842_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_20220807T045400_20220807T045432_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_220220807T050336_20220807T050449_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220807T050542_20220807T050903_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_20220807T053438_20220807T053711_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_220220807T054041_20220807T054048_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220807T054432_20220807T054615_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_220220807T061617_20220807T062642_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_20220807T071325_20220807T071455_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_220220807T071956_20220807T072003_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220807T072331_20220807T072507_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220807T080121_20220807T080252_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220807T080337_20220807T080441_E001	Backscatter Error (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_220220807T081214_20220807T081239_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_220220807T085339_20220807T085454_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_220220807T090029_20220807T090348_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_220220807T094041_20220807T094045_E001	Backscatter Error (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_220220807T095142_20220807T095207_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_0FFL_SIR_SIN_220220807T095211_20220807T095237_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_220220807T095439_20220807T095553_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_220220807T100043_20220807T100121_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_20220807T101124_20220807T101259_E001	Backscatter Error (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_20220807T103257_20220807T103416_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_220220807T103926_20220807T104236_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_20220807T121352_20220807T121630_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_220220807T121830_20220807T122401_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_220220807T130326_20220807T130353_E001	Backscatter Error (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_220220807T130921_20220807T131405_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_220220807T135303_20220807T135539_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_220220807T135741_20220807T135847_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220807T140243_20220807T140421_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_220220807T143126_20220807T143411_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_220220807T144826_20220807T144935_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_220220807T145044_20220807T145214_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_220220807T151047_20220807T152629_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_220220807T153035_20220807T153110_E001	Backscatter Error (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_220220807T153121_20220807T153345_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_220220807T154146_20220807T154334_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_220220807T160853_20220807T161233_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_220220807T162744_20220807T163336_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_220220807T171033_20220807T171221_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_220220807T171430_20220807T171457_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220807T172033_20220807T172256_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_220220807T175036_20220807T175223_E001	SARIn X-track Angle Error, Surface model unavailable  Backscatter Error (Retracker 2),	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_220220807T180118_20220807T180138_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220807T180234_20220807T180306_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_220220807T180756_20220807T181205_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_220220807T185002_20220807T185143_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_220220807T185251_20220807T185431_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220807T185910_20220807T185958_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220807T190027_20220807T190150_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 3)	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_220220807T194955_20220807T195411_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_220220807T203010_20220807T203341_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_220220807T203915_20220807T204030_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_20220807T210838_20220807T211016_E001	Backscatter Error (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_220220807T211708_20220807T211809_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_20220807T212850_20220807T213033_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_20220807T213152_20220807T213256_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_220220807T220925_20220807T221246_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_220220807T221759_20220807T221923_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_220220807T223942_20220807T224303_E001	Backscatter Error (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_220220807T230009_20220807T230130_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_20220807T234637_20220807T234855_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_220220807T235701_20220807T235810_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