

1. Overview

Report Production Date:	12-Jun-2023
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

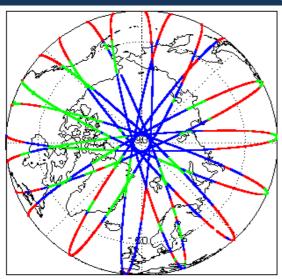
We would	love to hear	r from you!

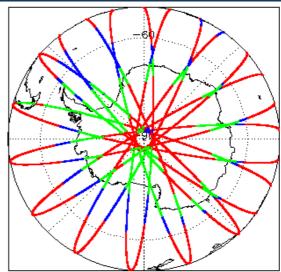
Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2_qc_team@telespazio.com

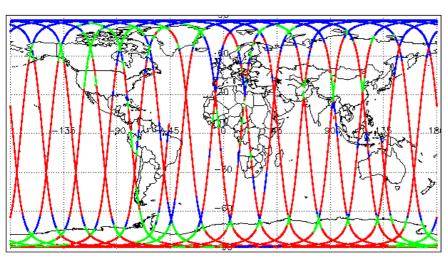
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	See Section 4.5
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	See Section 4.7 and 5.4
L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5
QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3

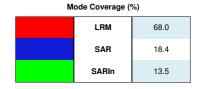
Mission / Instrument News		
12-May-2023	None	
13-May-2023	None	
14-May-2023	Nothing planned	

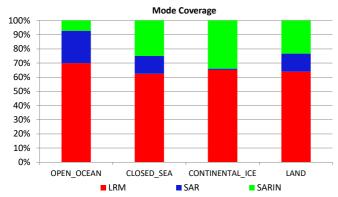
2. Global Coverage

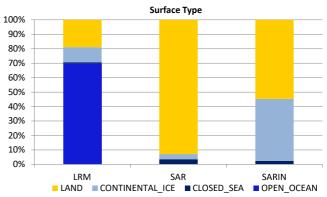












3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

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

Number of products with errors:

0

4.3 Star Tracker Usage Check

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

Number of products with errors:

0

4.4 L1B Tracking Flags Check

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

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

umber of products with errors:

CS_OFFL_SIR_LRM_1B_20230513T000301_20230513T001732_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T002445_20230513T002653_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T003355_20230513T004608_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T005109_20230513T010031_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T010222_20230513T011035_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T011045_20230513T011058_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T012500_20230513T012652_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T012741_20230513T013805_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T013809_20230513T013818_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T013820_20230513T014002_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T023646_20230513T023649_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T023651_20230513T023744_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T024132_20230513T024210_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T024256_20230513T024312_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T024314_20230513T024347_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T024350_20230513T024356_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T024358_20230513T024412_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T024415_20230513T024441_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T024443_20230513T024955_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T030504_20230513T031055_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T031158_20230513T033823_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T034136_20230513T034336_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T041947_20230513T041956_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T041958_20230513T042019_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T042023_20230513T042638_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T042638_20230513T042807_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T044921_20230513T044940_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T053132_20230513T060003_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T060007_20230513T060011_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T060100_20230513T060324_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T060400_20230513T060604_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T071901_20230513T072230_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T072353_20230513T072841_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T072858_20230513T073358_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T074017_20230513T074121_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T074139_20230513T074204_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T074529_20230513T074543_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T080149_20230513T083553_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T091212_20230513T091536_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T091538_20230513T091551_E001 Loss of echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_LRM_1B_20230513T091554_20230513T091644_E001 Loss of echo The tracking echo is missing for one or more records	

CS_OFFL_SIR_LRM_1B_20230513T091748_20230513T091845_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T093833_20230513T093917_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T093922_20230513T093944_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T093947_20230513T093949_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T093952_20230513T093953_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T111707_20230513T111756_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T111758_20230513T111759_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T111801_20230513T111808_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T111811_20230513T111932_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T112337_20230513T113700_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T113703_20230513T113703_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T113705_20230513T113706_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T113708_20230513T113716_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T113719_20230513T115342_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T121101_20230513T122436_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T122815_20230513T123935_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T124015_20230513T124040_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T125608_20230513T125949_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T125952_20230513T130338_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T130620_20230513T131640_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T135333_20230513T140141_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T140541_20230513T141030_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T141313_20230513T141900_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T143407_20230513T143844_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T143848_20230513T144030_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T144032_20230513T144157_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T144200_20230513T144234_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T144251_20230513T144341_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T151540_20230513T151925_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T152604_20230513T155050_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T155052_20230513T155114_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T155118_20230513T155126_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T155128_20230513T155130_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T155133_20230513T155319_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T155325_20230513T155425_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T155639_20230513T160017_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T161733_20230513T162219_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T162343_20230513T162354_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T162611_20230513T165130_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T165846_20230513T170213_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T175537_20230513T175857_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T175931_20230513T180247_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T180251_20230513T180914_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T180916_20230513T181517_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T181520_20230513T182103_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T183324_20230513T184117_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T184516_20230513T191824_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T193204_20230513T193255_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T193738_20230513T194003_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T194015_20230513T194059_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T194414_20230513T194512_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T195021_20230513T195333_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T195404_20230513T195600_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T201256_20230513T201808_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T205940_20230513T210047_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T211957_20230513T212139_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T212223_20230513T212253_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T212256_20230513T212739_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T212907_20230513T213517_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T215442_20230513T215710_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T223824_20230513T223833_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T223836_20230513T223918_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T223922_20230513T223945_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T223947_20230513T224042_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20230513T225254_20230513T231219_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T231225_20230513T232459_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T233812_20230513T234123_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230513T234318_20230513T235845_E001	Loss of echo	The tracking echo is missing for one or more records

4.5 L1B Calibration Usage Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_SIN_1B_20230513T120127_20230513T120131_E001	Cal1 Correction missing	The Cal1 correction has not been applied for one or more records

4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

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:

Product	Test Failed	Description
CS_OFFL_SIR_SAR_1B_20230513T060041_20230513T060042_E001		Due to missing Forecast Auxiliary Files, there is an error with the Dry Tropospheric, Wet Tropospheric and Inverse Barometric corrections.

4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20230513T042023_20230513T042638_E001	IECHO error IEK echo error	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:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

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

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

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

Number of products with errors: 10

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220230513T020241_20230513T021058_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_SAR_2_20230513T000052_20230513T000301_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_20230513T001733_20230513T001822_E001		There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230513T001958_20230513T002057_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_20230513T003332_20230513T003355_E001		There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model

00.0551.015.045.0.0000540500000000000000	L	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230513T004608_20230513T004654_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_220230513T004909_20230513T005109_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230513T012027_20230513T012214_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_220230513T012409_20230513T012459_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_20230513T012652_20230513T012741_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_220230513T014002_20230513T014144_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 20230513T014159 20230513T014408 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230513T015907 20230513T020044 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	·	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230513T021246_20230513T021330_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_220230513T022947_20230513T023228_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_20230513T023440_20230513T023645_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_20230513T030208_20230513T030503_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230513T031056_20230513T031158_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_20230513T033824_20230513T034017_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_220230513T035210_20230513T035303_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_220230513T051712_20230513T051940_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_220230513T053117_20230513T053132_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_20230513T060011_20230513T060039_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230513T060043 20230513T060059 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_220230513T060605_20230513T060747_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_220230513T065609_20230513T065930_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_20230513T070936_20230513T071040_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_20230513T071611_20230513T071900_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230513T073637_20230513T074016_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_20230513T074301_20230513T074528_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_20230513T075003_20230513T075818_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_220230513T083553_20230513T083830_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_220230513T084258_20230513T084302_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_20230513T084834_20230513T084959_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_20230513T090350_20230513T090402_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230513T091644 20230513T091748 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_20230513T091846_20230513T091903_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230513T091911_20230513T092256_E001		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230513T092257_20230513T092807_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_20230513T094004_20230513T094046_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230513T101412_20230513T101504_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_20230513T102157_20230513T102202_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_20230513T102210_20230513T102216_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_220230513T102716_20230513T103256_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_220230513T110418_20230513T110439_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_220230513T111933_20230513T112337_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_20230513T115343_20230513T115404_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230513T120056_20230513T120102_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 20230513T120109 20230513T120114 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	·	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230513T120510_20230513T120517_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_220230513T120639_20230513T121101_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_220230513T122437_20230513T122815_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230513T123936_20230513T124015_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_220230513T124041_20230513T124341_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_20230513T124445_20230513T124650_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 20230513T131641 20230513T131820 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
	·	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230513T133234_20230513T133319_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_220230513T134008_20230513T134014_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_20230513T141153_20230513T141313_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230513T142023_20230513T142236_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_220230513T144814_20230513T144920_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_20230513T151123_20230513T151225_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_20230513T152446_20230513T152604_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_20230513T161610_20230513T161733_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_20230513T165131_20230513T165151_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_220230513T170337_20230513T170544_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_220230513T175154_20230513T175536_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230513T182104 20230513T182514 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 20230513T183052 20230513T183159 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_220230513T184230_20230513T184516_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_20230513T191824_20230513T191840_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_20230513T191925_20230513T192005_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230513T192008_20230513T192016_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_20230513T193057_20230513T193204_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_20230513T193407_20230513T193440_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_20230513T193604_20230513T193738_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_20230513T194100_20230513T194126_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_20230513T194151_20230513T194413_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230513T195600 20230513T195700 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 20230513T195702 20230513T195831 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 20230513T201000 20230513T201129 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_220230513T202110_20230513T202436_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_20230513T205845_20230513T205901_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230513T205905_20230513T205936_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_20230513T210801_20230513T211002_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_220230513T211243_20230513T211940_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_20230513T211942_20230513T211957_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_20230513T212140_20230513T212222_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_220230513T213517_20230513T213621_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_20230513T214807_20230513T215138_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 20230513T220225 20230513T220414 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20230513T223657 20230513T223746 E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20230513T223750_20230513T223820_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_220230513T225210_20230513T225254_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_20230513T231219_20230513T231224_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20230513T232459_20230513T233024_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_220230513T234249_20230513T234318_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_220230513T235845_20230513T235923_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_20230513T002057_20230513T002445_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230513T065930_20230513T070253_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230513T083831_20230513T084151_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230513T120306_20230513T120509_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230513T134148_20230513T134841_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS OFFL SIR SIN 2 20230513T201809 20230513T202110 E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS OFFL SIR SIN 2 202305137215138 202305137215442 E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
55_511	oan ood oundoo mouer	

CS_OFFL_SIR_SIN_220230513T215711_20230513T220224_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230513T233025_20230513T233423_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:

249

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220230512T234415_20230513T000051_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_220230513T000301_20230513T001732_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_220230513T003355_20230513T004608_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_220230513T004654_20230513T004908_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_220230513T005109_20230513T010031_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_220230513T011208_20230513T011211_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_220230513T012500_20230513T012652_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_220230513T012741_20230513T013805_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_220230513T014517_20230513T015906_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_220230513T021331_20230513T022947_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_220230513T024314_20230513T024347_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230513T024415_20230513T024441_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230513T031158_20230513T033823_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_220230513T034136_20230513T034336_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230513T035304_20230513T041737_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_220230513T042023_20230513T042638_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230513T044942_20230513T051711_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_220230513T053132_20230513T060003_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_220230513T060007_20230513T060011_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_220230513T060747_20230513T060928_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_220230513T062251_20230513T065608_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_220230513T073542_20230513T073637_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_220230513T074204_20230513T074300_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_220230513T074634_20230513T075002_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_220230513T080149_20230513T083553_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

COUNT_SIT_URL_2_2000017100445 02010 COUNT_SIT_URL_2_2000017100445 02010 COUNT_SIT_URL_2_2000017100447 N20001710142 0201 COUNT_SIT_URL_2_2000017100447 N200017110142 0201 COUNT_SIT_URL_2_2000017100447 N200017110142 0201 COUNT_SIT_URL_2_2000017110044 N200017110142 0201 COUNT_SIT_URL_2_2000017110044 N200017110142 0201 COUNT_SIT_URL_2_2000017110044 N200017110142 0201 COUNT_SIT_URL_2_200001711004 N20001711004 N2000171004 N20001711004 N20001711004 N20001711004 N2000171004 N2000171004 N2000171004 N20001711004 N2000171004 N20001710	CS_OFFL_SIR_LRM_220230513T084959_20230513T090350_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
The control of the co	CS_OFFL_SIR_LRM_220230513T090402_20230513T090846_E001		
COUNTY DELINE CONSISTS PRODUCTIONS AND	CS_OFFL_SIR_LRM_2_20230513T091554_20230513T091644_E001	(Retracker 3), Backscatter Error	
Each Christian 2, 2000013111207 2000013111000 2001 City Christian 2, 2000013111207 2000013111000 2001 City Christian 2, 2000013111010 2000013111000 2001 City Christian 2, 2000013111010 200001311000 2001 City Christian 2, 2000013112010 200001311000 2001 City Christian 2, 200001311200 200001311000 200001311000 2001 City Christian 2, 2000013111000 200001311000 200001311000 2001 City Ch	CS_OFFL_SIR_LRM_2_20230513T094047_20230513T101412_E001	(Retracker 3), Backscatter Error	
Co. OFFL. SRILLING 2. 20200517110323_200051710324_2000 Co. OFFL. SRILLING 2. 202005171103125_200051710324_2000 Co. OFFL. SRILLING 2. 202005171103125_200051710324_2000517103	CS_OFFL_SIR_LRM_2_20230513T103257_20230513T110418_E001		
CS_OFF_BIL_FML_2_2020051710579_000055712203_D01 CS_OFF_BIL_FML_2_2020051710579_000055712203_D01 Environmental Processor State of the Company of the Compan	CS_OFFL_SIR_LRM_2_20230513T112337_20230513T113700_E001		
CS. OFF., SIN, LEM. 2. 100000011121001 20000011121000 200000011121000 20000011121000 20000011121000 200000111210000000000	CS_OFFL_SIR_LRM_220230513T113719_20230513T115342_E001	(Retracker 3), Backscatter Error	
DS_OFFL_SIR_LEM_2_20220513T109502_20220513T109502_20230513T109	CS_OFFL_SIR_LRM_2_20230513T121101_20230513T122436_E001	Error (Retracker 2), Surface model	
So. OFFL. SITL. LTM. 2. 20203513T130023_20203513T13003_20203513T13	CS_OFFL_SIR_LRM_2_20230513T122815_20230513T123935_E001	(Retracker 3), Backscatter Error	
SOFFL SIR LIMIL 2 20200513T100202 20200513T10020 20200513T100202 20200513T1002	CS_OFFL_SIR_LRM_220230513T124015_20230513T124040_E001		
Envi (Residue 2) So CFFL_SRI_LRM_2_adaptios 113660_50200513T13020_E001 So CFFL_SRI_LRM_2_adaptios 113660_50200513T13020_E001 So CFFL_SRI_LRM_2_adaptios 113660_50200513T13020_E001 So CFFL_SRI_LRM_2_adaptios 113660_50200513T140141_E001 Envi (Residue 2) So CFFL_SRI_LRM_2_adaptios 113660_50200513T15112_E001 So CFFL_SRI_LRM_2_adaptios 113660_50200513T15112_E001 Envi (Residue 2) So CFFL_SRI_LRM_2_adaptios 113660_50200513T16610_E001 Envi (Residue 2) So CFFL_SRI_LRM_2_adaptios 113660_502000513T18610_E001 Envi (Residue 2) So CFFL_SRI_LRM_2_adaptios 113660_50200513T18610_E001 Envi (Residue 2) So CFFL_SRI_LRM_2_adaptios 113660_50200513T18600_E001 Envi (Residue 2) So CFFL_SRI_LRM_2_adaptios 113660_50200513T18600_E001 Envi (Residue 2) So CFFL_SRI_LRM_2_adaptios 113660_50200513T18600_	CS_OFFL_SIR_LRM_2_20230513T125952_20230513T130338_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Envi (Retaidur 2) S. OFFL, SIR LIM 2, 202095137130401, 202005137140141, E001 CS. OFFL, SIR LIM 2, 202095137140141, E001 CS. OFFL, SIR LIM 2, 20209513714004, 2020951371510500, E001 CS. OFFL, SIR LIM 2, 20209513714004, 2020951371510500, E001 CS. OFFL, SIR LIM 2, 20209513714004, 20209513715000, E001 CS. OFFL, SIR LIM 2, 20209513715004, 20209513715000, E001 CS. OFFL, SIR LIM 2, 202095137150004, 20209513715000, E001 CS. OFFL, SIR LIM 2, 20209513716000, E001 CS. OFFL, SIR LIM 2, 202095137170004, 202295137170000, E001 CS. OFFL, SIR LIM 2, 202095137170004, 202295137170000, E001 CS. OFFL, SIR LIM 2, 202095137170004, E001 CS. OFFL, SIR LIM 2, 202095137170004, E001 CS. OFFL, SIR LIM 2, 202095137170004, E001 CS. OFFL, SIR LIM 2, 202095137180004, E001 CS. OF	CS_OFFL_SIR_LRM_2_20230513T130620_20230513T131640_E001		
GS OFFL SIR LEM 2_2020613T14691_2020613T14014_E001 Frenched 79, Beackscatter Emory (Retracker 2), Backscatter Emory (Retracker 2), Beackscatter Emory (Retracker 2), Beackscatt	CS_OFFL_SIR_LRM_2_20230513T131820_20230513T133233_E001		
Error (Retracker 2). Height Error (Retracker 2). Height Error (Retracker 2). There is a height and backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter Error (Retracker 2)	CS_OFFL_SIR_LRM_2_20230513T134841_20230513T135000_E001	(Retracker 3), Backscatter Error	
GS_OFFL_SIR_LRM_2_20230513T14920_20230513T150500_E001 CS_OFFL_SIR_LRM_2_20230513T152604_20230513T150500_E001 CS_OFFL_SIR_LRM_2_20230513T152604_20230513T150500_E001 CS_OFFL_SIR_LRM_2_20230513T152604_20230513T150500_E001 CS_OFFL_SIR_LRM_2_20230513T152604_20230513T150500_E001 CS_OFFL_SIR_LRM_2_20230513T152604_20230513T150500_E001 CS_OFFL_SIR_LRM_2_20230513T152604_20230513T150500_E001 CS_OFFL_SIR_LRM_2_20230513T152604_20230513T150500_E001 CS_OFFL_SIR_LRM_2_20230513T150504_E00150000000000000000000000000000000000	CS_OFFL_SIR_LRM_220230513T135333_20230513T140141_E001		
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20230513T182604_20230513T165130_E001 CS_OFFL_SIR_LRM_2_20230513T162611_20230513T165130_E001 CS_OFFL_SIR_LRM_2_20230513T170544_20230513T180914_E001 CS_OFFL_SIR_LRM_2_20230513T180251_20230513T180914_E001 CS_OFFL_SIR_LRM_2_20230513T180251_20230513T180914_E001 CS_OFFL_SIR_LRM_2_20230513T180502_20230513T180103_E001 CS_OFFL_SIR_LRM_2_20230513T181502_20230513T181502 CS_OFFL_SIR_LRM_2_20230513T181502_20230513T181502 CS_OFFL_SIR_LRM_2_20230513T184516_20230513T191824_E001 CS_OFFL_SIR_LRM_2_20230513T184050_20230513T194059_E001 CS_OFFL_SIR_LRM_2_20230513T194015_20230513T194059_E001 CS_OFFL_SIR_LRM_2_20230513T194015_20230513T194059_E001 CS_OFFL_SIR_LRM_2_20230513T194015_20230513T195000_E001 CS_OFFL_SIR_LRM_2_20230513T194015_20230513T195000_E001 CS_OFFL_SIR_LRM_2_20230513T194015_20230513T195000_E001 CS_OFFL_SIR_LRM_2_20230513T195404_20230513T195000_E001 CS_OFFL_SIR_LRM_2_20230513T195404_20230513T1206844_E001 CS_OFFL_SIR_LRM_2_20230513T1202436_20230513T1205844_E001 CS_OFFL_SIR_LRM_2_20230513T1202436_20230513T1205844_E001 CS_OFFL_SIR_LRM_2_20230513T1202436_20230513T1205844_E001 CS_OFFL_SIR_LRM_2_20230513T1202436_20230513T123856_E001 CS_OFFL_SIR_LRM_2_20230513T1200415_20230513T12305844_E001 CS_OFFL_SIR_LRM_2_20230513T1200415_20230513T1230584_E001 CS_OFFL_SIR_LRM_2_20230513T1200415_20230513T1230584_E001 CS_OFFL_SIR_LRM_2_20230513T1200415_20230513T1230584_E001 CS_OFFL_SIR_LRM_2_20230513T1200415_20230513T1230584_E001 CS_OFFL_SIR_LRM_2_20230513T1200415_20230513T1230584_E001 CS_OFFL_SIR_LRM_2_20230513T1200415_20230513T1230584_E001 CS_OFFL_SIR_LRM_2_20230513T1200415_20230513T1230584_E001 CS_OFFL_SIR_LRM_2_20230513T1200415	CS_OFFL_SIR_LRM_2_20230513T140541_20230513T141030_E001	(Retracker 3), Backscatter Error	
GS_OFFL_SIR_LRM_2_20230513T152604_20230513T16350_E001 Referacker 2), Backscatter Error (Retracker	CS_OFFL_SIR_LRM_2_20230513T144920_20230513T151122_E001		
Error (Retracker 2) Error	CS_OFFL_SIR_LRM_220230513T152604_20230513T155050_E001	(Retracker 3), Backscatter Error	
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20230513T180251_20230513T180914_E001 Error (Retracker 2). Backscatter Error (Retracker 2). Surface model unevallable) CS_OFFL_SIR_LRM_2_20230513T194516_20230513T19424_E001 CS_OFFL_SIR_LRM_2_20230513T194015_20230513T194059_E001 Error (Retracker 2). Backscatter Error (Retracker 2). Backsc	CS_OFFL_SIR_LRM_2_20230513T162611_20230513T165130_E001		
Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20230513T180916_20230513T181517_E001	CS_OFFL_SIR_LRM_220230513T170544_20230513T173848_E001		
Error (Retracker 2) S_OFFL_SIR_LRM_2_20230513T18150_20230513T182103_E001 Retracker 3), Backscatter Error (Retracker 2), Backscatte	CS_OFFL_SIR_LRM_220230513T180251_20230513T180914_E001	, ,,	•
GS_OFFL_SIR_LRM_2_20230513T181520_20230513T182103_E001 CS_OFFL_SIR_LRM_2_20230513T184516_20230513T191824_E001 CS_OFFL_SIR_LRM_2_20230513T193204_20230513T193255_E001 CS_OFFL_SIR_LRM_2_20230513T193204_20230513T193255_E001 CS_OFFL_SIR_LRM_2_20230513T194015_20230513T194059_E001 CS_OFFL_SIR_LRM_2_20230513T194015_20230513T194059_E001 CS_OFFL_SIR_LRM_2_20230513T195404_20230513T195600_E001 CS_OFFL_SIR_LRM_2_20230513T195404_20230513T195600_E001 CS_OFFL_SIR_LRM_2_20230513T195404_20230513T205844_E001 CS_OFFL_SIR_LRM_2_20230513T202436_20230513T205844_E001 CS_OFFL_SIR_LRM_2_20230513T205844_E001 CS_OFFL_SIR_LRM_2_20230513T205844_E001 CS_OFFL_SIR_LRM_2_20230513T21957_20230513T212139_E001 CS_OFFL_SIR_LRM_2_20230513T21957_20230513T212139_E001 CS_OFFL_SIR_LRM_2_20230513T21957_20230513T212139_E001 CS_OFFL_SIR_LRM_2_20230513T205844_E001 CS_OFFL_SIR_LRM_2_20230513T21957_20230513T212139_E001 CS_OFFL_SIR_LRM_2_20230513T212907_20230513T212139_E001 CS_OFFL_SIR_LRM_2_20230513T212907_20230513T212139_E001 CS_OFFL_SIR_LRM_2_20230513T220415_20230513T223656_E001 CS_OFFL_SIR_LRM_2_20230513T220415_20230513T223656_E001 CS_OFFL_SIR_LRM_2_20230513T22554_20230513T231219_E001 CS_OFFL_SIR_LRM_2_20230513T22554_20230513T231219_E001 CS_OFFL_SIR_LRM_2_20230513T22554_20230513T232459_E001 CS_OFFL_SIR_LRM_2_20230513T231225_20230513T232459_E001 CS_OFFL_SIR_LRM_2_20230513T231225_20230513T232459_E001 CS_OFFL_SIR_LRM_2_20230513T231245_20230513T232459_E001 CS_OFFL_SIR_LRM_2_20230513T231245_20230513T232459_E001 CS_OFFL_SIR_LRM_2_20230513T231245_20230513T232459_E001 CS_OFFL_SIR_LRM_2_20230513T231245_20230513T232459_E001 CS_OFFL_SIR_LRM_2_20230513T231245_20230513T232459_E001 CS_OFFL_SIR_LRM_2_20230513T232459_E001 CS_OFFL_SIR_LRM_2_20230513T232459_E001 CS_OFFL_SIR_LRM_2_20230513T23459_E001 CS_OFFL_SIR_LRM_2_20230513T23456_E001 CS_OFFL_SIR_LRM_2_20230513T23456_E001 CS_OFFL_SIR_LRM_2_20230513T23456_E001 CS_OFFL_SIR_LRM_2_20230513T23456_E001 CS_OFFL_SIR_LRM_2_20230513T23456_E001 CS_OFFL_SIR_LRM_2_20230513T23456_E001 CS_OFFL_SIR_	CS_OFFL_SIR_LRM_220230513T180916_20230513T181517_E001	Error (Retracker 2)	g .
CS_OFFL_SIR_LRM_2_20230513T194516_20230513T193255_E001 CS_OFFL_SIR_LRM_2_20230513T193204_20230513T193255_E001 Error (Retracker 2), Backscatter Error (Retracker 3),	CS_OFFL_SIR_LRM_220230513T181520_20230513T182103_E001	(Retracker 3), Backscatter Error (Retracker 2)	
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20230513T194015_20230513T194059_E001 Error (Retracker 2), Backscatter Error (Retracker 2), B	CS_OFFL_SIR_LRM_220230513T184516_20230513T191824_E001	Error (Retracker 2), Surface model	
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20230513T195404_20230513T195600_E001 Error (Retracker 2), Backscatter Error (Retracker 3), B	CS_OFFL_SIR_LRM_220230513T193204_20230513T193255_E001		
CS_OFFL_SIR_LRM_2_20230513T202436_20230513T205844_E001 Error (Retracker 2) Height Error (Retracker 2), Backscatter 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 (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 (Retracke	CS_OFFL_SIR_LRM_220230513T194015_20230513T194059_E001		
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20230513T212957_20230513T212139_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) CS_OFFL_SIR_LRM_2_20230513T212907_20230513T213517_E001 Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Bac	CS_OFFL_SIR_LRM_220230513T195404_20230513T195600_E001		
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20230513T212907_20230513T213517_E001 Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), B	CS_OFFL_SIR_LRM_220230513T202436_20230513T205844_E001		
Error (Retracker 2) CS_OFFL_SIR_LRM_2_20230513T220415_20230513T223656_E001 Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter	CS_OFFL_SIR_LRM_2_20230513T211957_20230513T212139_E001		
CS_OFFL_SIR_LRM_2_20230513T220415_20230513T223656_E001 (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) CS_OFFL_SIR_LRM_2_20230513T225254_20230513T231219_E001 Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (R	CS_OFFL_SIR_LRM_2_20230513T212907_20230513T213517_E001	Error (Retracker 2)	
Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3) for one or more records CS_OFFL_SIR_LRM_2_20230513T231225_20230513T232459_E001 Height Error (Retracker 2), Height Error (Retracker 3) for one or more records Height Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3) for one or more records There is a height and backscatter error for Retracker 2 for one or more	CS_OFFL_SIR_LRM_2_20230513T220415_20230513T223656_E001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20230513T231225_20230513T232459_E001 (Retracker 3), Backscatter Error (Retracker 3 for one or more records (Retracker 2) Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 and a neight error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more	CS_OFFL_SIR_LRM_2_20230513T225254_20230513T231219_E001		
	CS_OFFL_SIR_LRM_220230513T231225_20230513T232459_E001	(Retracker 3), Backscatter Error	
	CS_OFFL_SIR_LRM_220230513T234318_20230513T235845_E001		

CS_OFFL_SIR_SAR_220230513T000052_20230513T000301_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T001733_20230513T001822_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T001958_20230513T002057_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T003332_20230513T003355_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T004608_20230513T004654_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T004909_20230513T005109_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T011059_20230513T011156_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T011212_20230513T011253_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T011313_20230513T011448_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T011448_20230513T011743_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T012027_20230513T012214_E001	Backscatter Error (Retracker 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_20230513T012409_20230513T012459_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T012652_20230513T012741_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T015907_20230513T020044_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T021246_20230513T021330_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T022947_20230513T023228_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T023440_20230513T023645_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T024956_20230513T025111_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T025111_20230513T025657_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T030208_20230513T030503_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T031056_20230513T031158_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T033824_20230513T034017_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T035210_20230513T035303_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T042807_20230513T043009_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T043041_20230513T043113_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T043251_20230513T043632_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T043700_20230513T043717_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T051712_20230513T051940_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T053117_20230513T053132_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T060011_20230513T060039_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T060605_20230513T060747_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T060928_20230513T061018_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T061052_20230513T061504_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T061519_20230513T061920_E001	Backscatter Error (Retracker 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 20230513T065609 20230513T065930 E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_220230513T070936_20230513T071040_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T071611_20230513T071900_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T073637_20230513T074016_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T074301_20230513T074528_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T075003_20230513T075818_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T083553_20230513T083830_E001	Backscatter Error (Retracker 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_20230513T084834_20230513T084959_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T090350_20230513T090402_E001	Backscatter Error (Retracker 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_20230513T091644_20230513T091748_E001	Backscatter Error (Retracker 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_20230513T091911_20230513T092256_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T092257_20230513T092807_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T093049_20230513T093833_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T094004_20230513T094046_E001	Backscatter Error (Retracker 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_20230513T101412_20230513T101504_E001	Backscatter Error (Retracker 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_20230513T102716_20230513T103256_E001	Backscatter Error (Retracker 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_20230513T110418_20230513T110439_E001	Backscatter Error (Retracker 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_20230513T110951_20230513T111657_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T111933_20230513T112337_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T115343_20230513T115404_E001	Backscatter Error (Retracker 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_20230513T120510_20230513T120517_E001	Backscatter Error (Retracker 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_20230513T120639_20230513T121101_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T122437_20230513T122815_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T123936_20230513T124015_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T124041_20230513T124341_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T124445_20230513T124650_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T124906_20230513T125336_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T125336_20230513T125430_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T131641_20230513T131820_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T133234_20230513T133319_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T141153_20230513T141313_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T142023_20230513T142236_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T142738_20230513T142806_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T142848_20230513T143300_E001	Backscatter Error (Retracker 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 20230513T144814 20230513T144920 E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230513T151123_20230513T151225_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_220230513T152446_20230513T152604_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T160602_20230513T161523_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T165131_20230513T165151_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T170337_20230513T170544_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T174302_20230513T175019_E001	Backscatter Error (Retracker 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_20230513T175154_20230513T175536_E001	Backscatter Error (Retracker 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_20230513T182104_20230513T182514_E001	Backscatter Error (Retracker 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_20230513T183052_20230513T183159_E001	Backscatter Error (Retracker 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_20230513T184230_20230513T184516_E001	Backscatter Error (Retracker 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_20230513T191824_20230513T191840_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T192008_20230513T192016_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T192220_20230513T192901_E001	Backscatter Error (Retracker 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_20230513T192901_20230513T192933_E001	Backscatter Error (Retracker 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_20230513T193057_20230513T193204_E001	Backscatter Error (Retracker 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_20230513T193407_20230513T193440_E001	Backscatter Error (Retracker 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_20230513T193604_20230513T193738_E001	Backscatter Error (Retracker 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_20230513T194100_20230513T194126_E001	Backscatter Error (Retracker 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_20230513T194151_20230513T194413_E001	Backscatter Error (Retracker 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_20230513T195702_20230513T195831_E001	Backscatter Error (Retracker 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_20230513T201000_20230513T201129_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T202110_20230513T202436_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T205845_20230513T205901_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T210113_20230513T210801_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T210801_20230513T211002_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T211243_20230513T211940_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T212140_20230513T212222_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T213517_20230513T213621_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T214807_20230513T215138_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T220225_20230513T220414_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T223657_20230513T223746_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230513T224043_20230513T224208_E001	Backscatter Error (Retracker 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_20230513T224227_20230513T224657_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

COUNTING AND A 2000 STEEDERS ADDRESS TRANSPERS FINAL PROPERTY AND A 100 Miles and the second control of the counting and an area of the counting and are are a counting and area of the counting and are are a counting and area of the counting and area. The counting area of the counting		Backscatter Error (Retracker 2),	
Secretary (Minister of Application Control of	CS_OFFL_SIR_SAR_220230513T224657_20230513T224814_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
Selection for professional (1) Copyres on a procession of the control of the con	CS_OFFL_SIR_SAR_220230513T225210_20230513T225254_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Section of the Company of the Compan	CS_OFFL_SIR_SAR_220230513T232459_20230513T233024_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Section for Confidence of the Section Confid	CS_OFFL_SIR_SAR_220230513T234249_20230513T234318_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Destruction from (Petrolic 4), 2007/15 17701015 (1909 Service 1) (1909 Ser	CS_OFFL_SIR_SAR_220230513T235845_20230513T235923_E001	` ,,,	There is a backscatter error for Retracker 2 and 3 for one or more records
Society Set Set 2 202000137000007 20000137000049 (2001) Society Set Set 2 202000137000044 2000013700044 200001370044 200001370044 200001370044 200001370044 200001370044 200001370	CS_OFFL_SIR_SIN_2_20230513T001823_20230513T001957_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	was detected for SARIn mode, and no DEM or Slope Model was used for
South Company	CS_OFFL_SIR_SIN_2_20230513T002057_20230513T002445_E001	Backscatter Error (Retracker 3), SARIn X-	
CB_OFFL_SIN_2_recognitionate_recogni	CS_OFFL_SIR_SIN_2_20230513T002654_20230513T002744_E001	SARIn X-track Angle Error	
Description of the process of the pr	CS_OFFL_SIR_SIN_2_20230513T003156_20230513T003331_E001	Backscatter Error (Retracker 3), SARIn X	
Backscotter Error (Pietracter 2) Backscotter Error (Pietracter 3)	CS_OFFL_SIR_SIN_2_20230513T010032_20230513T010222_E001		
Sachscarter Error (Petracker 3), SARIN xincolor and programs and progr	CS_OFFL_SIR_SIN_2_20230513T011253_20230513T011312_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backeaster Error (Pleasaber 3), SARIII Virginia SIN 2 20230513T012215 20230513T01249 ED01 SARIII SIN 2 20230513T012215 20230513T01249 ED01 Sackeaster Error (Pleasaber 3), SARIII Virginia SIN SARIII Virgin	CS_OFFL_SIR_SIN_2_20230513T011744_20230513T011849_E001	Backscatter Error (Retracker 3), SARIn X-	
CS_OFFL_SIR_SIN_2_2020513T012412_0220513T012415_E001 Backcastler Error (Pierscher 2), SARIAN variable of the SARIA mode of the SARIA and an ambiguous angle variable of the SARIA mode of the SARIA mode of the same and the same	CS_OFFL_SIR_SIN_2_20230513T011935_20230513T012026_E001	Backscatter Error (Retracker 3), SARIn X-	
Backscatter From (Flertacher 3) Scholler Sin Sin 2 20200513T000044 20200513T000241 E001 Backscatter From (Flertacher 2) Schoff L Sin Sin 2 20200513T0021059 20200513T021446 E001 Schoff L Sin Sin 2 20200513T021059 20200513T021426 E001 Schoff L Sin Sin 2 20200513T021059 20200513T021426 E001 Schoff L Sin Sin 2 20200513T0205147 20200513T024132 E001 Schoff L Sin Sin 2 20200513T002051 E001 Schoff L Sin Sin 2 20200513T002051 E001 Schoff L Sin Sin 2 20200513T002051 E001 Schoff L Sin Sin 2 20200513T004016 20200513T004132 E001 Schoff L Sin Sin 2 20200513T004016 20200513T004132 E001 Schoff L Sin Sin 2 20200513T004016 20200513T004012 E001 Schoff L Sin Sin 2 20200513T004018 20200513T004012 E001 Schoff L Sin Sin 2 20200513T004019 20200513T004001 E001 Schoff L Sin Sin 2 20200513T004019 20200513T004001 E001 Schoff L Sin Sin 2 20200513T004019 20200513T004001 E001 Schoff L Sin Sin 2 20200513T004001 20200513T004001 E001 Schoff L Sin Sin Sin 2 20200513T004001 20200513T004001 E001 Schoff L Sin Sin Sin 2 2020	CS_OFFL_SIR_SIN_2_20230513T012215_20230513T012409_E001	Backscatter Error (Retracker 3), SARIn X	
Backscatter Error (Fetracker 3), SARIM X track Angle Error, Surface model unavailable Sc. OFFL_SIR_SIN_2_20230513T024124_E001 Sackscatter Error (Fetracker 3), SARIM X track Angle Error, Surface model unavailable Sc. OFFL_SIR_SIN_2_20230513T024132_E001 Sc. OFFL_SIR_SIN_2_20230513T02414_20230513T024132_E001 Sc. OFFL_SIR_SIN_2_20230513T02414_20230513T024132_E001 Sc. OFFL_SIR_SIN_2_20230513T02414_20230513T024132_E001 Sc. OFFL_SIR_SIN_2_20230513T02414_20230513T024132_E001 Sc. OFFL_SIR_SIN_2_20230513T024148_E001 Sc. OFFL_SIR_SIN_2_20230513T034018_20230513T034149_E001 Sc. OFFL_SIR_SIN_2_20230513T034018_20230513T03419_E001 Sc. OFFL_SIR_SIN_2_20230513T034018_20230513T03419_E001 Sc. OFFL_SIR_SIN_2_20230513T034018_20230513T03409_E001 Sc. OFFL_SIR_SIN_2_20230513T034019_20230513T034091_E001 Sc. OFFL_SIR_SIN_2_20230513T034019_20230513T034091_E001 Sc. OFFL_SIR_SIN_2_20230513T034019_20230513T034091_E001 Sc. OFFL_SIR_SIN_2_20230513T034031_20230513T034091_E001 Sc. OFFL_SIR_SIN_3_2_20230513T034031_20230513T034091_E001 Sc. OFFL_SIR_SIN_3_2_20230513T0340391_E001 Sc. OFFL_SIR_SIN_3_2_	CS_OFFL_SIR_SIN_2_20230513T014412_20230513T014516_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Soffer_SIR_SIN_2_20230513T023744_20230513T024132_E001 Sackscate Fror (Fletracker 3), SARIn X track Angle Error, Surface model unavailable and surface	CS_OFFL_SIR_SIN_2_20230513T020044_20230513T020241_E001	Backscatter Error (Retracker 3), SARIn X	
Description of the process of the pr	CS_OFFL_SIR_SIN_2_20230513T021059_20230513T021246_E001	Backscatter Error (Retracker 3), SARIn X-	
SC_OFFL_SIR_SIN_2_20230513T034018_20230513T03419_E001 SARIN_X-track Angle Error SARIN Strack Error (Retracker 2), SARIN Strack Angle Error SARIN Strack Error (Retracker 2), SARIN Strack Stracker 2 and 3, an ambiguous angle stracker 2 and 3 and an antiquous angle stracker Error (Retracker 2), SARIN Strack Stracker Error (Retracker 2), SARIN Strack Stracker 2 and 3, an ambiguous angle stracker Error (Retracker 2), SARIN Strack Angle Error SARIN Strack Angle Error SARIN Strack Angle Error SARIN Strack Angle Error An ambiguous angle and setected for SARIN mode for one or more records SARIN Strack Stracker Error (Retracker 2), SARIN Strack Angle Error SARIN Strack Angle Error SARIN Strack Angle Error An ambiguous angle stracker 2 and 3 an ambiguous angle stracker 2 and 3 and an ambiguous angle stracker 2 and 3 and an ambiguous angle stracker Error (Retracker 3), SARIN Strack Angle Error SARIN Strack Angle Error An ambiguous angle was detected for SARIN mode for one or more records SARIN Stracker Error (Retra	CS_OFFL_SIR_SIN_2_20230513T023744_20230513T024132_E001		
Backscatter Error (Retracker 3), SARII X There is a backscatter error for Retracker 2 and 3 and anabiguous angle was detected for SARIn mode for one or more records and anabiguous angle was detected for SARIn mode for one or more records and anabiguous angle was detected for SARIn mode for one or more records and anabiguous angle was detected for SARIn mode for one or more records and anabiguous angle was detected for SARIn mode for one or more records track Angle Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIIX There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records track Angle Error, Surface model unavailable (Retracker 3), SARIIX There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records to the location for one or more records and the location for one	CS_OFFL_SIR_SIN_220230513T025658_20230513T030207_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
SARIN A-FIRCK Angle Error Sackscatter Error (Retracker 2), Sarin X-FIRCK Angle Error Sackscatter Error (Retracker 2), Sarin X-FIRCK Angle Error Sackscatter Error (Retracker 2), Sarin X-FIRCK Angle Error Sackscatter Error (Retracker 3), Sarin X-FIRCK Angle Error Sackscatter Error (Retracker 2), Sarin X-FIRCK Angle Error Sackscatter Error (Retracker 2), Sarin X-FIRCK Angle Error Sa	CS_OFFL_SIR_SIN_2_20230513T034018_20230513T034136_E001	Backscatter Error (Retracker 3), SARIn X-	
Backscatter Error (Retracker 3), SARIn X rack Angle Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X rack Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X rack Angle Error, Surface model unavailable unavai	CS_OFFL_SIR_SIN_2_20230513T034338_20230513T034419_E001	SARIn X-track Angle Error	
Sackscatter Error (Fetracker 3), SARIN x track Angle Error, Surface model unavailable associated Error (Betracker 2), Backscatter Error (Fetracker 2), Backscatter Error (Fetracker 3), SARIN x track Angle Error, Surface model unavailable associated Error, Getracker 2), Backscatter Error (Fetracker 2), Backscatter Error (Fetracker 3), SARIN x track Angle Error, Surface model unavailable associated Error, Getracker 2), Backscatter Error (Fetracker 3), SARIN x track Angle Error, Surface model unavailable associated Error (Fetracker 2), Backscatter Error (Fetracker 2), Backscatter Error (Fetracker 2), Backscatter Error (Fetracker 3), SARIN x track Angle Error, Surface model unavailable associated Error (Fetracker 3), SARIN x track Angle Error, Surface model unavailable associated Error (Fetracker 3), SARIN x track Angle Error, Surface model unavailable associated Error (Fetracker 3), SARIN x track Angle Error, Surface model unavailable associated Error (Fetracker 3), SARIN x track Angle Error, Surface model unavailable associated Error (Fetracker 3), SARIN x track Angle Error (Fetracker 3),	CS_OFFL_SIR_SIN_2_20230513T034927_20230513T035209_E001	Backscatter Error (Retracker 3), SARIn X-	
Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20230513T043633_20230513T043659_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20230513T051941_20230513T052101_E001 CS_OFFL_SIR_SIN_2_20230513T052147_20230513T052344_E001 CS_OFFL_SIR_SIN_2_20230513T052147_20230513T052344_E001 CS_OFFL_SIR_SIN_2_20230513T052946_20230513T052344_E001 CS_OFFL_SIR_SIN_2_20230513T061019_20230513T061052_E001 Backscatter Error (Retracker 2), Backscatter Error	CS_OFFL_SIR_SIN_2_20230513T043010_20230513T043041_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
Backscatter Error (Retracker 3) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2)	CS_OFFL_SIR_SIN_2_20230513T043113_20230513T043250_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
CS_OFFL_SIR_SIN_2_20230513T043718_20230513T044921_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20230513T052147_20230513T052101_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20230513T052147_20230513T052344_E001 CS_OFFL_SIR_SIN_2_20230513T05244_20230513T052344_E001 CS_OFFL_SIR_SIN_2_20230513T052946_20230513T052344_E001 CS_OFFL_SIR_SIN_2_20230513T052946_20230513T053117_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20230513T061019_20230513T061052_E001 CS_OFFL_SIR_SIN_2_20230513T061019_20230513T061518_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_20230513T061019_20230513T061052_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 CS_OFFL_SIR_SIN_2_20230513T061019_20230513T061052_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model Unavailable CS_OFFL_SIR_SIN_2_20230513T061921_20230513T062250_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model Unavailable and track Angle Error, Surface model Unavailable and track Angle Error (Retracker 3), SARIn X track Angl	CS_OFFL_SIR_SIN_2_20230513T043633_20230513T043659_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20230513T052147_20230513T052344_E001 SARIn X-track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error CS_OFFL_SIR_SIN_2_20230513T061019_20230513T061052_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20230513T061505_20230513T061518_E001 Backscatter Error (Retracker 2), SARIn X track Angle Error, Surface model CS_OFFL_SIR_SIN_2_20230513T061921_20230513T062250_E001 Backscatter Error (Retracker 2), SARIn X track Angle Error, Surface model 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 Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for track Angle Error, Surface model	CS_OFFL_SIR_SIN_2_20230513T043718_20230513T044921_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
CS_OFFL_SIR_SIN_2_20230513T052946_20230513T052947_20230513T052946_20230513T061052_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20230513T061505_20230513T061518_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20230513T061505_20230513T061518_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20230513T061921_20230513T062250_E001 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, an ambiguous angle was detected for SARIn mode, and no DEM or one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for track Angle Error, Surface model was detected for SARIn mode, and no DEM or Slope Model was used for track Angle Error, Surface model was detected for SARIn mode, and no DEM or Slope Model was used for track Angle Error, Surface model was detected for SARIn mode, and no DEM or Slope Model was used for track Angle Error, Surface model was detected for SARIn mode, and no DEM or Slope Model was used for track Angle Error, Surface model was detected for SARIn mode, and no DEM or Slope Model was used for track angle Error, Surface model was detected f	CS_OFFL_SIR_SIN_2_20230513T051941_20230513T052101_E001	Backscatter Error (Retracker 3), SARIn X-	
CS_OFFL_SIR_SIN_2_20230513T061921_20230513T061921_20230513T062250_E001 Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records CS_OFFL_SIR_SIN_2_20230513T061505_20230513T061518_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records There is a backscatter error for Retracker 2 and 3 an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records CS_OFFL_SIR_SIN_2_20230513T061921_20230513T062250_E001 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	CS_OFFL_SIR_SIN_2_20230513T052147_20230513T052344_E001	SARIn X-track Angle Error	
CS_OFFL_SIR_SIN_2_20230513T061019_20230513T061052_E001 Backscatter Error (Retracker 3), SARIN X track Angle Error, Surface model unavailable CS_OFFL_SIR_SIN_2_20230513T061505_20230513T061518_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIN X trace 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, an ambiguous angle was detected for SARIN mode, and no DEM or Slope Model was used for track Angle Error, Surface model was detected for SARIN mode, and no DEM or Slope Model was used for track Angle Error, Surface model was detected for SARIN mode, and no DEM or Slope Model was used for track Angle Error, Surface model was detected for SARIN mode, and no DEM or Slope Model was used for track Angle Error, Surface model was detected for SARIN mode, and no DEM or Slope Model was used for track Angle Error, Surface model was detected for SARIN mode, and no DEM or Slope Model was used for track Angle Error, Surface model was detected for SARIN mode, and no DEM or Slope Model was used for track Angle Error, Surface model was detected for SARIN mode, and no DEM or Slope Model was used for track Angle Error, Surface model was detected for SARIN mode, and no DEM or Slope Model was used for track Angle Error, Surface model was used for track Angle Error, Surface model was used for track Angle Error, Surface model was used for track Angle Error (Retracker 3), SARIN x track Angle Error (Retracker 3), SARIN x track Angle Error (Retracker 2), SARIN x track Angle Error (Retracker 3), SARIN x track Angle Error (Retracker 2), SARIN x track Angle Error (Retracker 3), SARIN x track Angle Error (Retracker 3), SARIN x track Angle Error (Retracker 3), SARIN x track Angl	CS_OFFL_SIR_SIN_2_20230513T052946_20230513T053117_E001	Backscatter Error (Retracker 3), SARIn X-	
Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model Was detected for SARIn mode, and no DEM or Slope Model was used for the legislation of	CS_OFFL_SIR_SIN_2_20230513T061019_20230513T061052_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for
CS_OFFL_SIR_SIN_220230513T061921_20230513T062250_E001 Backscatter Error (Retracker 3), SARIn X There is a backscatter error for Retracker 2 and 3, an amonguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the leading for one or more recorded.	CS_OFFL_SIR_SIN_2_20230513T061505_20230513T061518_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SIN_220230513T061921_20230513T062250_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	was detected for SARIn mode, and no DEM or Slope Model was used for

CS_OFFL_SIR_SIN_2_20230513T065930_20230513T070253_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230513T070818_20230513T070935_E001	track Angle Error 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_20230513T074544_20230513T074633_E001	Backscatter Error (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_20230513T075818_20230513T080149_E001	Backscatter Error (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_220230513T083831_20230513T084151_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_220230513T084710_20230513T084833_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_220230513T092808_20230513T093048_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_220230513T101505_20230513T101705_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_220230513T102548_20230513T102716_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_20230513T110440_20230513T110543_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_2_20230513T110848_20230513T110950_E001	Backscatter Error (Retracker 2), 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_220230513T115405_20230513T115541_E001	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_220230513T120127_20230513T120131_E001	Calibration Warning Backscatter Error (Retracker 2),	The Calibration correction is missing or has been taken from the IPFDB instead of the Calibration products for one or more records
CS_OFFL_SIR_SIN_220230513T120306_20230513T120509_E001	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_220230513T120517_20230513T120639_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	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
CS_OFFL_SIR_SIN_220230513T124342_20230513T124444_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2),	was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle
CS_OFFL_SIR_SIN_220230513T124650_20230513T124905_E001	Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable	was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230513T125431_20230513T125608_E001	Backscatter Error (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_220230513T130339_20230513T130619_E001	Backscatter Error (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_20230513T133320_20230513T133506_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_20230513T134026_20230513T134031_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20230513T134042_20230513T134045_E001	SARIn X-track Angle Error Backscatter Error (Retracker 2),	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230513T134148_20230513T134841_E001	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_2_20230513T135001_20230513T135333_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_220230513T140142_20230513T140541_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_220230513T141030_20230513T141152_E001	Backscatter Error (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_220230513T141901_20230513T142023_E001	Backscatter Error (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_20230513T142237_20230513T142738_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_220230513T142807_20230513T142848_E001	Backscatter Error (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_220230513T143300_20230513T143318_E001	Backscatter Error (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_20230513T144342_20230513T144741_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_220230513T151226_20230513T151540_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_220230513T152236_20230513T152445_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_20230513T160018_20230513T160601_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_220230513T162222_20230513T162343_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_220230513T165151_20230513T165323_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_20230513T165840_20230513T165846_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230513T170213_20230513T170336_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_220230513T173849_20230513T174301_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_220230513T175019_20230513T175153_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_220230513T183200_20230513T183324_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_220230513T184118_20230513T184230_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_220230513T191840_20230513T191924_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_220230513T192934_20230513T193057_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_220230513T193256_20230513T193335_E001	Backscatter Error (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_220230513T193440_20230513T193603_E001	Backscatter Error (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_220230513T194127_20230513T194151_E001	Backscatter Error (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_220230513T201130_20230513T201255_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_220230513T201809_20230513T202110_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_220230513T215138_20230513T215442_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_220230513T215711_20230513T220224_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_220230513T224208_20230513T224226_E001	Backscatter Error (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_220230513T224815_20230513T225209_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_220230513T233025_20230513T233423_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_220230513T233620_20230513T233812_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230513T234123_20230513T234249_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