

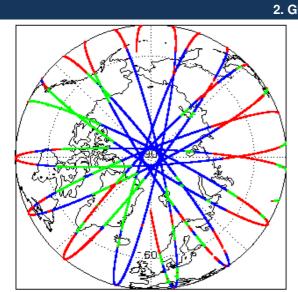
# **QA4EO Daily Report for OFFLINE data:**

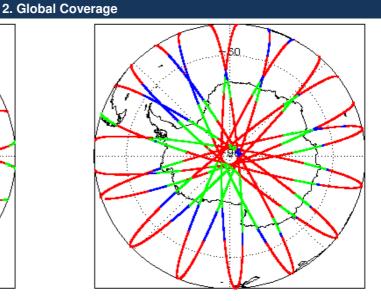
## <u>06/04/2022</u>

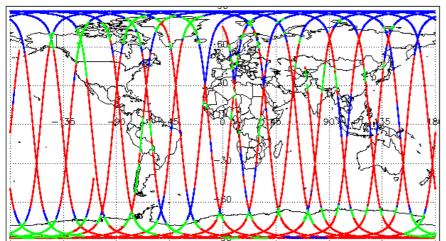
# IDEAS-QA4E0

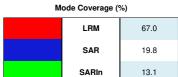
1. Overview				
Depart Dreduction Date:	00 May 2022	Check	Status	
Report Production Date:	09-May-2022	Server check: science-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal	
Processor Usea:		Product Software Check	Nominal	
Data Used:	L1B and L2 OFFLINE Data	Product Format Check	Nominal	
		Product Header Analysis	Nominal	
		Star Tracker Usage Check	Nominal	
		L1B Tracking Flag Check	See Section 4.4	
		L1B Calibration Usage Check	Nominal	
		L1B & L2 Auxiliary Data File Usage Check	Nominal	
		L1B & L2 Auxiliary Correction Error Check	See Section 5.4	
		L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5	
		QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3	

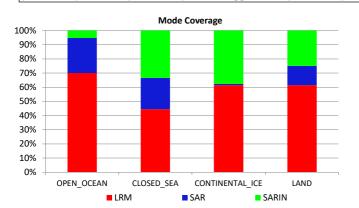
Mission / Instrument News		
05-Apr-2022	None	
06-Apr-2022	None	
07-Apr-2022	Nothing planned	

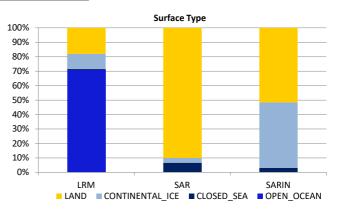












## 3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

## 4. Level 1B Data Quality Check

### 4.1 L1B Product Format Check

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

Number of products with errors:

#### 4.2 L1B Product Header Analysis

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

#### 4.3 Star Tracker Usage Check

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

Number of products with errors:

## 4.4 L1B Tracking Flags Check

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

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

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#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220406T001205_20220406T001633_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T001954_20220406T004602_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T004604_20220406T004740_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T004743_20220406T004745_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T004747_20220406T004757_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T004801_20220406T005319_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T005319_20220406T005527_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T011354_20220406T011628_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T015849_20220406T021946_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T022012_20220406T022513_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T022650_20220406T022804_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T022942_20220406T023040_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T023040_20220406T023102_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T023620_20220406T023715_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T035048_20220406T035325_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T035327_20220406T035421_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T035443_20220406T040137_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T040321_20220406T040606_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T040856_20220406T040939_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T041308_20220406T041712_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T044120_20220406T050332_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T053142_20220406T053859_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T055325_20220406T055336_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T060618_20220406T060644_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T060647_20220406T060708_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T061007_20220406T062635_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T062638_20220406T064211_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T064950_20220406T065227_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T070032_20220406T071303_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T074449_20220406T074523_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T074527_20220406T074532_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T074534_20220406T074549_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T074553_20220406T074608_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T074611_20220406T074642_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T074647_20220406T074653_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T074700_20220406T074709_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T074711_20220406T074730_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T075030_20220406T075102_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T075207_20220406T080354_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T080558_20220406T082133_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T083742_20220406T084811_E001	Loss of echo	The tracking echo is missing for one or more records

CS\_OFFL\_SIR\_LRM\_1B\_20220406T084917\_20220406T085130\_E001 CS OFFL SIR LRM 1B 20220406T085430 20220406T090644 E001 CS OFFL SIR LRM 1B 20220406T090737 20220406T090918 E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T092328\_20220406T092526\_E001 CS OFFL SIR LRM 1B 20220406T092528 20220406T092715 E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T092721\_20220406T092731\_E001 CS OFFL SIR LRM 1B 20220406T092733 20220406T092742 E001 CS OFFL SIR LRM 1B 20220406T092744 20220406T092825 E001 CS\_OFEL\_SIB\_LBM\_1B\_20220406T092827\_20220406T093709\_E001 CS OFFL SIR LRM 1B 20220406T101401 20220406T104802 E001 CS\_OFFL\_SIR\_LBM\_1B\_20220406T105005\_20220406T105108\_E001 CS OFFL SIR LRM 1B 20220406T110212 20220406T110840 E001 CS OFFL SIR LRM 1B 20220406T110842 20220406T110843 E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T110845\_20220406T110849\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T110851\_20220406T110901\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T110903\_20220406T110914\_E001 CS OFFL SIR LRM 1B 20220406T110916 20220406T110918 E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T110922\_20220406T110953\_E001 CS OFFL SIR LRM 1B 20220406T111110 20220406T111203 E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T111547\_20220406T113659\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T114329\_20220406T114658\_E001 CS\_OFFL\_SIR\_LBM\_1B\_20220406T115311\_20220406T122206\_E001 CS OFFL SIR LRM 1B 20220406T122209 20220406T122210 E001 CS OFFL SIR LRM 1B 20220406T122213 20220406T122225 E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T122229\_20220406T122233\_E001 CS OFFL SIR LRM 1B 20220406T124318 20220406T124325 E001 CS OFFL SIR LRM 1B 20220406T124431 20220406T124847 E001 CS OFFL SIR LRM 1B 20220406T124954 20220406T125156 E001 CS OFFL SIR LRM 1B 20220406T125158 20220406T131932 E001 CS OFFL SIR LRM 1B 20220406T142359 20220406T142632 E001 CS OFFL SIR LRM 1B 20220406T142706 20220406T142746 E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T142944\_20220406T143047\_E001 CS OFFL SIR LRM 1B 20220406T143210 20220406T143936 E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T144341\_20220406T144510\_E001 CS OFFL SIR LRM 1B 20220406T144515 20220406T144947 E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T160217\_20220406T160229\_E001 CS OFFL SIR LRM 1B 20220406T160613 20220406T160639 E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T160649\_20220406T160702\_E001 CS\_OFEL\_SIR\_LBM\_1B\_20220406T161058\_20220406T161252\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T161436\_20220406T161731\_E001 CS\_OFFL\_SIR\_LBM\_1B\_20220406T161915\_20220406T163830\_E001 CS OFFL SIR LRM 1B 20220406T164033 20220406T164542 E001 CS\_OFFL\_SIR\_LBM\_1B\_20220406T165138\_20220406T172550\_E001 CS OFFL SIR LRM 1B 20220406T172719 20220406T172819 E001 CS\_OFFL\_SIB\_LBM\_1B\_20220406T175021\_20220406T175447\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T183153\_20220406T184636\_E001 CS OFFL SIR LRM 1B 20220406T190548 20220406T190556 E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T190558\_20220406T190617\_E001 CS OFFL SIR LRM 1B 20220406T190633 20220406T190651 E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T190654\_20220406T190658\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T190700\_20220406T190702\_E001 CS\_OFFL\_SIR\_LBM\_1B\_20220406T190705\_20220406T190724\_E001 CS OFFL SIR LRM 1B 20220406T190727 20220406T190743 E001 CS OFFL SIR LRM 1B 20220406T190750 20220406T190815 E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T194004\_20220406T194120\_E001 CS OFFL SIR LRM 1B 20220406T194122 20220406T195405 E001 CS OFFL SIR LRM 1B 20220406T200156 20220406T200357 E001 CS OFFL SIR LRM 1B 20220406T201050 20220406T202617 E001 CS OFFL SIR LRM 1B 20220406T202819 20220406T203742 E001 CS OFFL SIR LRM 1B 20220406T204025 20220406T204317 E001 CS OFFL SIR LRM 1B 20220406T204321 20220406T204326 E001 CS\_OFFL\_SIR\_LRM\_1B\_20220406T204328\_20220406T204332\_E001 CS OFFL SIR LRM 1B 20220406T204337 20220406T204346 E001 CS OFFL SIR LRM 1B 20220406T204349 20220406T204356 E001

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

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

CS_OFFL_SIR_LRM_1B_20220406T204359_20220406T204441_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T204443_20220406T204806_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T210252_20220406T210352_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T210533_20220406T211644_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T211652_20220406T211704_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T212357_20220406T212549_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T212551_20220406T212553_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T212555_20220406T212559_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T212605_20220406T212606_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T212611_20220406T212614_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T212618_20220406T212630_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T213243_20220406T213654_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T214001_20220406T214802_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T221341_20220406T221514_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T221850_20220406T221938_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T221950_20220406T222028_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T222030_20220406T222038_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T222042_20220406T222734_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T224217_20220406T231604_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T231838_20220406T232046_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T232115_20220406T232648_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220406T235840_20220407T000348_E001	Loss of echo	The tracking echo is missing for one or more records

#### 4.5 L1B Calibration Usage Check

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

Number of products with errors:

#### 4.6 L1B Auxilary Data File Usage Check

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

#### 4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

#### 4.8 L1B Measurement Confidence Data Check

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

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

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

Phase Perturbation Applied Flag: This flag is currently set for all L1B SARIn products, indicating that the ADC correction application is deactivated, but this is in line with the current configuration. Number of products with errors: 0

## 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: 0

### 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

## 5.4 L2 Auxiliary Correction Error Check

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

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

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

Snow Depth Model error: This flag is currently set in all L2 SAR products over ocean, which fall outside of the extent of the current snow depth model. Currently the snow depth model is only 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.

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Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220406T114720_20220406T115048_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_SAR_220220406T000612_20220406T000751_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220406T001857 20220406T001953 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_220220406T005527_20220406T005703_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_220220406T011628_20220406T011753_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220406T014523_20220406T014728_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_220220406T015838_20220406T015848_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_220220406T021947_20220406T022010_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_220220406T022514_20220406T022650_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 20220406T022805 20220406T022942 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220406T023302 20220406T023312 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_220220406T023436_20220406T023515_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_220220406T023715_20220406T023759_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220406T032426_20220406T032715_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_220220406T033655_20220406T033734_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_220220406T034027_20220406T034227_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_220220406T034530_20220406T035048_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_220220406T040606_20220406T040802_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220406T041015 20220406T041156 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 20220406T043834 20220406T044119 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_220220406T050333_20220406T050448_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_220220406T051031_20220406T051037_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220406T051609_20220406T051649_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_220220406T052954_20220406T053141_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_220220406T054416_20220406T055140_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_220220406T055140_20220406T055225_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_220220406T055336_20220406T055419_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_220220406T060711_20220406T060712_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 20220406T060713 20220406T060725 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220406T060727_20220406T061007_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_220220406T064211_20220406T064240_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_220220406T064930_20220406T064936_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_220220406T064943_20220406T064949_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220406T065414_20220406T065710_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_220220406T065726_20220406T070032_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_220220406T071303_20220406T071317_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_220220406T073036_20220406T073047_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_220220406T074731_20220406T074805_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_20220406T074809_20220406T074812_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220406T074814 20220406T074925 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_220220406T074927_20220406T074942_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_220220406T074945_20220406T074949_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_220220406T074953_20220406T075030_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220406T080354_20220406T080557_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_220220406T082134_20220406T082146_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_220220406T082828_20220406T082835_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_220220406T082843_20220406T082848_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_220220406T083252_20220406T083741_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_220220406T090644_20220406T090737_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
		have origine of the extent of the current show debth model

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CS_OFFL_SIR_SAR_220220406T090919_20220406T091042_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_220220406T091338_20220406T091424_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_220220406T093709_20220406T094556_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 20220406T100025 20220406T100039 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220406T100741_20220406T100747_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_220220406T104803_20220406T105004_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_220220406T111522_20220406T111540_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220406T113659_20220406T113731_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_220220406T114001_20220406T114054_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_220220406T115232_20220406T115311_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_220220406T131933_20220406T131942_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_20220406T133125_20220406T133313_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_220220406T140911_20220406T140919_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_20220406T140927_20220406T140928_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220406T141857 20220406T142359 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_20220406T142746_20220406T142943_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_220220406T143048_20220406T143210_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_220220406T144948_20220406T145301_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220406T145917_20220406T145955_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_220220406T151005_20220406T151231_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_220220406T154613_20220406T155636_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_220220406T155854_20220406T155953_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_220220406T160229_20220406T160537_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_20220406T160743_20220406T161023_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_220220406T161035_20220406T161058_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_20220406T163831_20220406T163915_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 20220406T164854 20220406T165138 E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS OFFL SIR SAR 2 20220406T172551 20220406T172714 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 20220406T172716 20220406T172719 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_20220406T173537_20220406T173942_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_20220406T174006_20220406T175021_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_220220406T181315_20220406T181617_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_220220406T181639_20220406T182010_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220220406T183020_20220406T183153_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_220220406T184636_20220406T184756_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_220220406T184909_20220406T185349_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_220220406T190100_20220406T190305_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_220220406T190311_20220406T190317_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_220220406T190328_20220406T190548_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_20220406T192029_20220406T192058_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_220220406T193834_20220406T194004_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_20220406T195405_20220406T195919_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220406T201038_20220406T201050_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 20220406T202618 20220406T202819 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_20220406T205823_20220406T210251_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_20220406T210352_20220406T210533_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_220220406T213716_20220406T213739_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20220406T214951_20220406T215021_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220406T220526_20220406T220709_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_220220406T220709_20220406T221341_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_220220406T223957_20220406T224217_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_220220406T231604_20220406T231650_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_20220406T232914_20220406T232934_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_20220406T014728_20220406T015121_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_2_20220406T032715_20220406T033028_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220406T050449_20220406T050907_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220406T083030_20220406T083252_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220406T100930_20220406T101401_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220406T164542_20220406T164854_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220406T182011_20220406T182248_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220406T182447_20220406T183020_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220220406T195920_20220406T200155_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

## 5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220406T001954_20220406T004602_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_220220406T011354_20220406T011628_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_220220406T011754_20220406T014523_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_220220406T015849_20220406T021946_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_220220406T022012_20220406T022513_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_220220406T022650_20220406T022804_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_220220406T023620_20220406T023715_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_220220406T024946_20220406T032426_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_220220406T040856_20220406T040939_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220406T041308_20220406T041712_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_220220406T042956_20220406T043834_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220406T044120_20220406T050332_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_220220406T051650_20220406T052954_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_220220406T053142_20220406T053859_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_220220406T053947_20220406T054416_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_220220406T055325_20220406T055336_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_220220406T061007_20220406T062635_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_220220406T062638_20220406T064211_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_220220406T070032_20220406T071303_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

S2, SPR, SR, UN1, Z. 202040710503, 202040710500, 2020     Setup Mater	CS_OFFL_SIR_LRM_220220406T071317_20220406T073036_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
Bit Over, Dar Link 1     Automation     Automation	CS_OFFL_SIR_LRM_220220406T074553_20220406T074608_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Control         Betry Bary Research 2         Betry Bar	CS_OFFL_SIR_LRM_220220406T075207_20220406T080354_E001	5	
Chi Chi Sul (MAY 2) (2000)41111002 (2000)41111001 (2001)         Chi Chi Chi Mangka (2001) Mangka (2001)40000 (2001) (2000) (2001) (2001) (2001) (2001) Mangka (2001)40000 (2001) (2	CS_OFFL_SIR_LRM_220220406T080558_20220406T082133_E001		
City, Dirt,	CS_OFFL_SIR_LRM_220220406T083742_20220406T084811_E001		-
Name         Hour Down (Personer 2), Bedautoring         There is a hight and backacate error for Ressare 2 and a hight error           CS, CFRL, SRL, INN, 2, 2020-000110211, 2020-001110010, 2000         Safetee Meet Use a hight and backacate error for Ressare 2 and a hight error           CS, CFRL, SRL, INN, 2, 2020-001110211, 2020-00111001, 2000         Safetee Meet Use and the Safetee error in Ressare 2 and a hight error           CS, CFRL, SRL, INN, 2, 2020-001110211, 2020-00111001, 2000         Safetee Meet Use and the Safetee error in Ressare 2 and a hight error           CS, CFRL, SRL, INN, 2, 2020-001110211, 2020-00111001, 2000         Safetee Meet Use and the Safetee error in Ressare 2 and a hight error           CS, CFRL, SRL, INN, 2, 2020-00111021, 2020-00111001, 2020-00111001, 2020-00111001, 2020-0011001, 2000         Safetee Meet Use and the Safetee error in Ressare 2 and a hight error           CS, CFRL, SRL, INN, 2, 2020-00111021, 2020-00111001, 2020-00111001, 2020-00111001, 2020-0011001, 2000         Mappi Error (Personer 2), Ressare 1 Firm           CS, CFRL, SRL, INN, 2, 2020-00111001, 2020-00111001, 2020-00111001, 2020-00111001, 2000         Mappi Error (Personer 2), Ressare 1 Firm           CS, CFRL, SRL, INN, 2, 2020-00111001, 2020-001110001, 2020-0011000, 2010, 2010, 2010	CS_OFFL_SIR_LRM_220220406T085430_20220406T090644_E001	(Retracker 3), Backscatter Error	
Octo UPU Sub CML 2. Accolumptions 2.0224981110892 Exel         Exel (The Marker ())         Means 1.	CS_OFFL_SIR_LRM_220220406T090737_20220406T090918_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
City, City, Sity, LML 2, 2020/06/11/001 (2020	CS_OFFL_SIR_LRM_220220406T094556_20220406T100025_E001		
CS         OFL_SRLENK_2_002040111081_2022040111081_2022040111081         Statises Madel Unavailable         DCD or Sope Model has used for the statistical or an one exceeds           CS         OFL_SRLENK_2_002040111081_20220401110815_2020401110815_20220401110815_20220401110815_20220401110815_20220401110815_20220401110815_20220401110815_20220401110815_20220401110815_20220401110815_20220401110815_20220401110815_20220401110815_20220401110815_20220401110815_2022040111081555_202204001110815_202204011108155_20220401110815_2022040111081	CS_OFFL_SIR_LRM_220220406T101401_20220406T104802_E001	(Retracker 3), Backscatter Error	
Sci. OPFL_SIR_LIML 2_0022040F111617_20022040F113032_E010         Height Enry (Reinsdur 2), Enry Enry Enry Enry Enry Enry Enry Enry	CS_OFFL_SIR_LRM_220220406T110212_20220406T110840_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
05       DFRL SIN LINK 2. 2020/067111557 2020-066111357 2000         05       DFRL SIN LINK 2. 2020/067112518 2020/0671123182 E001       Height Sing Sing Sing Sing Sing Sing Sing Sing	CS_OFFL_SIR_LRM_220220406T110851_20220406T110901_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
GS_OFFL_SIR_LBM_2_0220400T15311_0020400T122012_E011       Height Form (Fintender 2), Backstatter Form (Fintender 2), B	CS_OFFL_SIR_LRM_2_20220406T111547_20220406T113659_E001	(Retracker 3), Backscatter Error	
Correl_sin_Unity 2_02204001161306_020001       Emit (Retracker 2)       records         CS_OFFL_SIR_LEM_2_82204001142047_E001       Emit (Retracker 2)       Theor is a hoght and backscatter error for Retracker 2 for one or more errors         CS_OFFL_SIR_LEM_2_82204001142047_E001       Height Error (Retracker 2), Backscatter       Theor is a hoght and backscatter error for Retracker 2 for one or more errors         CS_OFFL_SIR_LEM_2_8220400114204_0012020400114208_001       Height Error (Retracker 2), Backscatter       Theor is a hoght and backscatter error for Retracker 2 for one or more errors         CS_OFFL_SIR_LEM_2_8220400114209_0020400114209_0020400114209_0020400114209_0000       Height Error (Retracker 2), Backscatter error       There is a hoght and backscatter error for Retracker 2 for one or more errors         CS_OFFL_SIR_LEM_2_8220400116009_1201       Height Error (Retracker 2), Backscatter error       There is a hoght and backscatter error for Retracker 2 for one or more errors         CS_OFFL_SIR_LEM_2_8220400116009_20220400116009_2001       Height Error (Retracker 2), Backscatter error       There is a hoght and backscatter error for Retracker 2 for one or more errors         CS_OFFL_SIR_LEM_2_8220400116109_20220400116109_	CS_OFFL_SIR_LRM_2_20220406T115311_20220406T122206_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	
Correl_Sin_Linu 20020406113313_04204001140047_0001       Enric (Petracker 2)       mexods         CS_OFR_SIR_LINU 20020406114304_0020406114304_0001       Height Enric (Petracker 2), Backscatter (Petracker 2), Backscatter error for Retracker 2 for one or more codds       There is a height and backscatter error for Retracker 2 for one or more codds         CS_OFR_SIR_LINU 200204061143021_00204061143020_000114434_0000_0000_0000_0000       Height Enric (Petracker 2), Backscatter Error (Petracker 2), Backscatter error for Retracker 2, Inclusion Error (Petracker 2), Backscatter error for Retracker 2, Inclusion Error (Petracker 2), Backscatter Error (Petracker 2), Backscatter error for Retracker 2 for one or more eccods         CS_OFFL_SIR_LINU_2_00220406116138_02204061116138_E001       Height Error (Petracker 2), Backscatter (Petracker 2), Backscatter error for Retracker 2 or one or more eccods       There is a height and backscatter error for Retracker 2 or one or more eccods         CS_OFFL_SIR_LINU_2_00220406116138_E020406116138_E0200       Height Error (Retracker 2), Height Error (Retracker 2	CS_OFFL_SIR_LRM_220220406T125158_20220406T131932_E001		
VD-DFT_SIR_LEM_2_0020406116344_12000001116344_20001       Error (Retracker 2)       recods         CS_OFFL_SIR_LEM_2_00204061161201_0020406116438_E001       Error (Retracker 2), Backscatter Error (Retracker 2), Ba	CS_OFFL_SIR_LRM_220220406T133313_20220406T140742_E001		
UPT_SIN_LPM 2_0220406114201_0002400114309_E001       Error (Retracker 2)       neoods         OS_OFFL_SIR_LPM 2_02204067151201_002604067154613_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error       There is a height and backscatter error for Retracker 2, a height error for Retracker 20, Backscatter Error (Retracker 2), Height Error         OS_OFFL_SIR_LPM 2_02204067150664_002204067160069_E001       Height Error (Retracker 2), Height Error (Retracker 2), Sartase model unavailable error (Retracker 2), Sartase model unavailable error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more errors         OS_OFFL_SIR_LFM _2_02204067161016_202204067161259_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2)       There is a height and backscatter error for Retracker 2 for one or more errors         OS_OFFL_SIR_LFM _2_022040671161015_202204067117547_E001       Height Error (Retracker 2), Height Error (Retracker 2), Leight Error (Retracker 2), Leight Error (Re	CS_OFFL_SIR_LRM_220220406T142944_20220406T143047_E001		
DS_OFFL_SIR_LINK_2_20220406T15123_20220406T159651_2001       Enror (Retracker 2)       records         CS_OFFL_SIR_LINK_2_20220406T150564_20220406T160059_E001       Heigh Enror (Retracker 2), Surface model unavailable       There is a height and backscatter enror for Retracker 2 and a height enror (Retracker 2), Reginster 2), Rescattur Enror         CS_OFFL_SIR_LINK_2_20220406T161024_20220406T161025_E001       Heigh Enror (Retracker 2), Retracker 2), Retracker 2, Rescattur Enror       There is a height and backscatter enror for Retracker 2 and a height enror (Retracker 2), Retracker 2), Retracker 2, Retracker 2, Retracker 2), Retracker 2, Retracker 3, Retracker 2, Retracker 3, Retracker 2, Retracker 2, R	CS_OFFL_SIR_LRM_220220406T143210_20220406T143936_E001		
CS_OFFL_SIR_LRM_2_20220406T153954_20220406T161039_E001       (Pertacker 2), Backscatter Error (Pertacker 2), Surface model unavailable or more records       There is a height and backscatter error for Retracker 2 and a height error (Retracker 2), Reptacker 2), Reptacker 2, Retracker 2, Retracker 2), Reptacker 2, Retracker 2, Retracker 2, Retracker 2, Retracker 2), Reptacker 2, Retracker 2, Retracker 2, Retracker 2, Retracker 2), Retracker 2, Retracker 3, Retracker 1, Retracker 3, Retracker 1, Retracker 3, Retracker 2, Retracker 2, Retracker 2, Retracker 2, Retracker 3, Retracker 4, Retracker 3, Retracker 4, Retracker 2, Retracker 3, Retracker 4, Retracker 3, Retracker 4, Retracker 3, Retracker 4, Retracker 4, Retracker 3, Retracker 4, Retr	CS_OFFL_SIR_LRM_220220406T151231_20220406T154613_E001	<b>S</b>	
CS_OFFL_SIR_LRM_2_20220406T161024_20220406T161035_E001         [Refracker 3)         Inter is a height and backscatter error for Retracker 2 or one or more records           CS_OFFL_SIR_LRM_2_20220406T161058_20220406T161058_20E001         Height Error (Retracker 2)         There is a height and backscatter error for Retracker 2 for one or more records           CS_OFFL_SIR_LRM_2_20220406T161058_20220406T161058_0_E001         Height Error (Retracker 2)         Backscatter Error (Retracker 2)         There is a height and backscatter error for Retracker 2 for one or more records           CS_OFFL_SIR_LRM_2_20220406T16518_20220406T175502_E001         Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 4), Height Error (Retracker 2), Reckscatter Error Tror Retracker 2 and a height error for Retracker 2 and a height error for Retracker 2 and a height error for Retracker 2 and a height error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscat	CS_OFFL_SIR_LRM_220220406T155954_20220406T160059_E001	(Retracker 3), Backscatter Error	Retracker 3 and no DEM or Slope Model was used for the location of one
US_OFFL_SIR_LEM_2_20220406T19105_20220406T193030_E001       Error (Retracker 2)       records         GS_OFFL_SIR_LEM_2_20220406T191915_20220406T163330_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         GS_OFFL_SIR_LEM_2_20220406T195138_20220406T175505_E001       Height Error (Retracker 2), Height Error (Retracker 2), Sackscatter       There is a height and backscatter error for Retracker 2 for one or more records         GS_OFFL_SIR_LEM_2_20220406T175021_20220406T175557_E001       Retracker 2), Height Error (Retracker 2), Backscatter Error (Retr	CS_OFFL_SIR_LRM_220220406T161024_20220406T161035_E001	(Retracker 3), Backscatter Error	
US_OFFL_SIR_LEM_2_202204061191913_202204061192053_E001       Error (Retracker 2)       records         CS_OFFL_SIR_LEM_2_202204061161318_202204061175250_E001       Height 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 (Re	CS_OFFL_SIR_LRM_220220406T161058_20220406T161252_E001		
US_OFFL_SIR_LRM_2_20220406T175021_20220406T175447_E001       Error (Retracker 2)       records         CS_OFFL_SIR_LRM_2_20220406T175021_20220406T175447_E001       Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), 20220406T175037_20220406T181315_E001       There is a height and backscatter error for Retracker 2 and a height error for Retracker 3, Backscatter Error (Retracker 2), 20220406T183153_20220406T18436_E001         CS_OFFL_SIR_LRM_2_20220406T183153_20220406T184636_E001       Height Error (Retracker 2), 3. Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2)         CS_OFFL_SIR_LRM_2_20220406T19053_20220406T190651_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFL_SIR_LRM_2_20220406T19050_20220406T190815_E001       Error (Retracker 2),	CS_OFFL_SIR_LRM_220220406T161915_20220406T163830_E001		
CS_OFFL_SIR_LRM_2_20220406T175021_20220406T17547F_E001       (Retracker 2), Rescatter Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (	CS_OFFL_SIR_LRM_220220406T165138_20220406T172550_E001		
CS_OFFL_SIR_LRM_2_20220406T175537_20220406T181315_E001       Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)         CS_OFFL_SIR_LRM_2_20220406T183153_20220406T184636_E001       Height Error (Retracker 2), Height Error (Retracker 2), Error (Retracker 2), Backscatter Error (Retracker 2)       There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records         CS_OFFL_SIR_LRM_2_20220406T184757_20220406T184908_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20220406T190633_20220406T190100_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Back	CS_OFFL_SIR_LRM_220220406T175021_20220406T175447_E001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20220406T183153_20220406T184636_E001       Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error for Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error for Retracker 2), A height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Err	CS_OFFL_SIR_LRM_220220406T175537_20220406T181315_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20220406T184757_20220406T184908_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or more recordsCS_OFFL_SIR_LRM_2_20220406T185350_20220406T190100_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or more recordsCS_OFFL_SIR_LRM_2_20220406T190633_20220406T190651_E001Surface Model UnavailableNo DEM or Slope Model was used for the location of one or more recordsCS_OFFL_SIR_LRM_2_20220406T190750_20220406T190815_E001Surface Model UnavailableNo DEM or Slope Model was used for the location of one or more recordsCS_OFFL_SIR_LRM_2_20220406T192058_20220406T193833_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or more recordsCS_OFFL_SIR_LRM_2_20220406T194122_20220406T195405_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (	CS_OFFL_SIR_LRM_220220406T183153_20220406T184636_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20220406T190633_20220406T190651_E001       Error (Retracker 2)       records         CS_OFFL_SIR_LRM_2_20220406T190633_20220406T190651_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFL_SIR_LRM_2_20220406T190750_20220406T190815_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFL_SIR_LRM_2_20220406T192058_20220406T193833_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20220406T194122_20220406T195405_E001       Height 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 for Retracker 2, a height error for Retracker 2, a height error for Retracker 3, height Error (Retracker 3), Backscatter Error       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	CS_OFFL_SIR_LRM_220220406T184757_20220406T184908_E001		
CS_OFFL_SIR_LRM_2_20220406T190750_20220406T190815_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFL_SIR_LRM_2_20220406T192058_20220406T193833_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20220406T194122_20220406T195405_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20220406T201050_20220406T202617_E001       Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Re	CS_OFFL_SIR_LRM_2_20220406T185350_20220406T190100_E001		
CS_OFFL_SIR_LRM_2_20220406T192058_20220406T193833_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20220406T194122_20220406T195405_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20220406T201050_20220406T202617_E001       Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error for Retracker 3 for one or more records         CS_OFFL_SIR_LRM_2_20220406T202619_20220406T203742_E001       Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error for Retracker 3 for one or more records	CS_OFFL_SIR_LRM_220220406T190633_20220406T190651_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220406T192036_20220406T195405_E001       Error (Retracker 2)       records         CS_OFFL_SIR_LRM_2_20220406T194122_20220406T195405_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20220406T201050_20220406T202617_E001       Height Error (Retracker 2), Height Error for Retracker 3 for one or more records         CS_OFFL_SIR_LRM_2_20220406T202619_20220406T203742_E001       Height Error (Retracker 2), Height Error for Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error for Retracker 3 for one or more records	CS_OFFL_SIR_LRM_220220406T190750_20220406T190815_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20220406T20150_20220406T202617_E001       Error (Retracker 2)       records         CS_OFFL_SIR_LRM_2_20220406T201050_20220406T202617_E001       Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	CS_OFFL_SIR_LRM_220220406T192058_20220406T193833_E001		
CS_OFFL_SIR_LRM_2_20220406T201050_20220406T202617_E001 (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter	CS_OFFL_SIR_LRM_220220406T194122_20220406T195405_E001		
CS_OFFL_SIR_LRM_2_20220406T202819_20220406T203742_E001 Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error Retracker 3 and no DEM or Slope Model was used for the location of one	CS_OFFL_SIR_LRM_220220406T201050_20220406T202617_E001	(Retracker 3), Backscatter Error	
	CS_OFFL_SIR_LRM_220220406T202819_20220406T203742_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	Retracker 3 and no DEM or Slope Model was used for the location of one

Dor. UN         UN         Statistical descent in the second descent	CS_OFFL_SIR_LRM_220220406T204025_20220406T204317_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
OLUCTURE DURANCE DURANC	CS_OFFL_SIR_LRM_220220406T210533_20220406T211644_E001	(Retracker 3), Backscatter Error	
NUMBER         Description         Description         Description         percent           DS         SPEL_SOLIDATE         Expected/SEC         Section         Percent (Precent R)         Percent R)           DS         SPEL_SOLIDATE         Expected/SEC         Section         Percent R)         Perc	CS_OFFL_SIR_LRM_220220406T212357_20220406T212549_E001	(Retracker 3), Backscatter Error	0
Control         Exercise           Control         Con	CS_OFFL_SIR_LRM_220220406T213243_20220406T213654_E001		
Cold, DEFL, BRU, IMU, Z., 2000040720110 (20000407201004, EBN)         Processor in the sector of	CS_OFFL_SIR_LRM_220220406T215021_20220406T220526_E001		
Corp. Sint. Sint. 2. NOT MALE 2. NOT MALE 2. SUCCEMPTIZED AND CONTROL OF A DECEMPTIZED AND CONTROL OF A DECEMPTICAL OF	CS_OFFL_SIR_LRM_220220406T224217_20220406T231604_E001	(Retracker 3), Backscatter Error	
05.0.0FL_0RU_NU_2_R00000720000_000000_20000_00000_0000         Proceeding Fund         Proc	CS_OFFL_SIR_LRM_220220406T232115_20220406T232648_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
DS, OFFL,SIR, SAR, 2, 2020404T000512, 2020-004T000751, E001         Balacterie Ferre (Rescales 7)         There is a backastite error for Planaker 2 and 3 for one or more records           CG, OFFL,SIR, SAR, 2, 2020404T001ED, 2020-004T000751, E001         Balaccenter Ferre (Rescales 2)         There is a backastite error for Planaker 2 and 3 for one or more records           CG, OFFL,SIR, SAR, 2, 2020404T000552, 2020-004T000552, 2020-004T005552, 2020-004T005552, 2020-004T005551, 2020-004T005551, 2020-004T005551, 2020-004T005551, 2020-004T005551, 2020-004T010551, 2020-004T010552, 2020-004T01052, 2020-004T0252, 2020-004T02	CS_OFFL_SIR_LRM_220220406T232935_20220406T235436_E001	(Retracker 3), Backscatter Error	
CPT, PT, SM, DM, C., DOZDAGTTONIST, 2020-040TTONIST, 2020-040TTONIST	CS_OFFL_SIR_LRM_220220406T235840_20220407T000348_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CH. J. Proc. 2. MAXIMUM 101185 _ 200204001100185 _ 2001         Booldought From (Rescales 2)         There is a backacater ornor for Rescales 2 and 3 for one or more records           CS. OFFL_SIN_SAR_2_0022040011000072_002204001100010E_E001         Booldought From (Rescales 2)         There is a backacater ornor for Rescales 2 and 3 for one or more records           CS. OFFL_SIN_SAR_2_0022040011000072_002204001100516_E001         Booldought From (Rescales 2)         There is a backacater ornor for Rescales 2 and 3 for one or more records           CS. OFFL_SIN_SAR_2_0022040011010516_E001         Booldought From (Rescales 2)         There is a backacater ornor for Rescales 2 and 3 for one or more records           CS. OFFL_SIN_SAR_2_0022040011011636_E001         Booldought From (Rescales 2)         There is a backacater ornor for Rescales 2 and 3 for one or more records           CS. OFFL_SIN_SAR_2_0022040011011636_E001         Booldought From (Rescales 2)         There is a backacater ornor for Rescales 2 and 3 for one or more records           CS. OFFL_SIN_SAR_2_002204001101586_E001         Booldought From (Rescales 2)         There is a backacater ornor for Rescales 2 and 3 for one or more records           CS. OFFL_SIN_SAR_2_0022040011022514_00201001022540_E001         Booldought From (Rescales 2)         There is a backacater ornor for Rescales 2 and 3 for one or more records           CS. OFFL_SIN_SAR_2_0022040011022519_E001         Booldought From (Rescales 2)         There is a backacater ornor for Rescales 2 and 3 for one or more records           CS. OFFL_SIN_SAR_2_0022040011022519_E001 <td>CS_OFFL_SIR_SAR_220220406T000612_20220406T000751_E001</td> <td></td> <td>There is a backscatter error for Retracker 2 and 3 for one or more records</td>	CS_OFFL_SIR_SAR_220220406T000612_20220406T000751_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Sci DFPL_SIR_SAR_2_202204007003291_202204067003291_E001       Backscaller Errir (Plancker 2) Backscaller Errir (Pla	CS_OFFL_SIR_SAR_220220406T001857_20220406T001953_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAP 2_202000000000000000000000000000000000	CS_OFFL_SIR_SAR_220220406T005527_20220406T005703_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_30220406T01563_0220406T01553_E001 Backcaster Error (Personice 3) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 3) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records Backcaster Error (Personice 7) There is a backcaster error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220220406T005721_20220406T005931_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Bertacker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         Backscatter Error (Bertacker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         Backscatter Error (Bertacker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         Backscatter Error (Bertacker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T015838_E020406T022542_E001       Backscatter Error (Bertacker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T022514_E020406T022542_E001       Backscatter Error (Bertacker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T022715_E001       Backscatter Error (Bertacker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T023715_E001       Backscatter Error (Bertacker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T02405_0220406T024705_E001       Backscatter Error (Bertacker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         Backscatter Error (Bertacker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T02405_0220406T02405_E001       Backscatter Error (Bertacker 2)       There is a backscatter erro	CS_OFFL_SIR_SAR_220220406T005943_20220406T010516_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Def Cont Cont Server, 20020406101422_E001       Backscatter Error (Retacker 2)       There is a backscatter error for Retacker 2 and 3 for one or more records.         CS_OFFL_SIR_SAR_2_202204061022514_202204061022506_E001       Backscatter Error (Retacker 2)       There is a backscatter error for Retacker 2 and 3 for one or more records.         CS_OFFL_SIR_SAR_2_202204061022514_202204061022506_E001       Backscatter Error (Retacker 2)       There is a backscatter error for Retacker 2 and 3 for one or more records.         CS_OFFL_SIR_SAR_2_202204061022016_202204061022942_E001       Backscatter Error (Retacker 2)       There is a backscatter error for Retacker 2 and 3 for one or more records.         CS_OFFL_SIR_SAR_2_20220406102305_202204061023705_E001       Backscatter Error (Retacker 2)       There is a backscatter error for Retacker 2 and 3 for one or more records.         CS_OFFL_SIR_SAR_2_20220406102305_20220406103245_E001       Backscatter Error (Retacker 2)       There is a backscatter error for Retacker 2 and 3 for one or more records.         CS_OFFL_SIR_SAR_2_202204061032458_202204061032759_E001       Backscatter Error (Retacker 2)       There is a backscatter error for Retacker 2 and 3 for one or more records.         CS_OFFL_SIR_SAR_2_202204061032458_202204061032459_E001       Backscatter Error (Retacker 2)       There is a backscatter error for Retacker 2 and 3 for one or more records.         CS_OFFL_SIR_SAR_2_202204061034027_202204061034227_E001       Backscatter Error (Retacker 2)       There is a backscatter error for Retacker 2 and 3 for one or more records.         CS_OFF	CS_OFFL_SIR_SAR_220220406T011628_20220406T011753_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
US_OFFL_SIR_SAR_2_202204051016368_202204061016666_E001       Backcaster Error (Petrasker 2), Backcaster Error (Petrasker 3), Backcaster Error (Petrask	CS_OFFL_SIR_SAR_220220406T014523_20220406T014728_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
US_OPEL_SIR_SAR_2_20220406T022805_20220406T023742_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2)	CS_OFFL_SIR_SAR_220220406T015838_20220406T015848_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
US_OFFL_SIR_SAR_2_20220406T03295_20220406T023756_E001       Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T023855_20220406T024645_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T032465_20220406T032455_20220406T032715_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T033655_20220406T033734_E001       Backscatter Error (Retracker 7)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T034027_20220406T033734_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T034027_20220406T034027_E001       Backscatter Error (Retracker 7)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T040606_20220406T04005048_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_20220406T041015_20220406T041156_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T041045146_E001       Backs	CS_OFFL_SIR_SAR_220220406T022514_20220406T022650_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
US_OFFL_SIR_SAR_2_20220406T023855_20220406T03745_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         GS_OFFL_SIR_SAR_2_20220406T032426_20220406T032715_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         GS_OFFL_SIR_SAR_2_20220406T033426_20220406T032715_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         GS_OFFL_SIR_SAR_2_20220406T034027_20220406T034227_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         GS_OFFL_SIR_SAR_2_20220406T034027_20220406T034027_20220406T034027_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         GS_OFFL_SIR_SAR_2_20220406T034032_2020406T034032_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         GS_OFFL_SIR_SAR_2_20220406T041015_20220406T041156_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         GS_OFFL_SIR_SAR_2_20220406T040804_20220406T041156_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220220406T022805_20220406T022942_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220406103405124061024067       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202204061034052       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202204061034057_202204061034227_E001       Backscatter Error (Retracker 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_202204061034027_202204061034227_E001       Backscatter Error (Retracker 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_202204061034050_202204061034627_E001       Backscatter Error (Retracker 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_202204061040606_202204061040602_E001       Backscatter Error (Retracker 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_202204061041015_202204061041015_202204061044119_E001       Backscatter Error (Retracker 3), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202204061054303_202204061050444119_E001       Backscatter Error (Retracker 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_202	CS_OFFL_SIR_SAR_220220406T023715_20220406T023759_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220406T034242_20220406T033734_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T034027_20220406T034227_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T034027_20220406T034027_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T034030_20220406T035048_E001       Backscatter Error (Retracker 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_20220406T040606_20220406T040802_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error	CS_OFFL_SIR_SAR_220220406T023855_20220406T024645_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220406T034027_20220406T034227_E001       Backscatter Error (Retracker 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_20220406T041066_20220406T04105_20220406T041156_E001       Backscatter Error (Retracker 3) Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T041015_20220406T0411156_E001       Backscatter Error (Retracker 3) Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T043834_20220406T044119_E001       Backscatter Error (Retracker 3) Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T051609_20220406T051649_E001       Backscatter Error (Retracker 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_20220406T052654_20220406T055140_E001       Backscatter Error (Retracker 3) Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or m	CS_OFFL_SIR_SAR_220220406T032426_20220406T032715_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
US_OFFL_SIR_SAR_2_20220406103402/_202204061035048_E001       Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202204061040606_202204061040802_E001       Backscatter Error (Retracker 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_202204061040606_202204061040802_E001       Backscatter Error (Retracker 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_202204061041015_202204061041115_E001       Backscatter Error (Retracker 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_202204061051609_202204061051649_E001       Backscatter Error (Retracker 2), Backscatter Error (Ret	CS_OFFL_SIR_SAR_220220406T033655_20220406T033734_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220406T034530_20220406T035048_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T041015_20220406T041156_E001       Backscatter Error (Retracker 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_20220406T041015_20220406T041156_E001       Backscatter Error (Retracker 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_20220406T041043834_20220406T04119_E001       Backscatter Error (Retracker 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_20220406T050333_20220406T050448_E001       Backscatter Error (Retracker 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_20220406T051609_20220406T051649_E001       Backscatter Error (Retracker 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_20220406T051609_20220406T053141_E001       Backscatter Error (Retracker 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_20220406T05544_20220406T055140_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_	CS_OFFL_SIR_SAR_220220406T034027_20220406T034227_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220406T040600_20220406T040602_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T041015_20220406T041156_E001       Backscatter Error (Retracker 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_20220406T043834_20220406T044119_E001       Backscatter Error (Retracker 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_20220406T050333_20220406T050448_E001       Backscatter Error (Retracker 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_20220406T051609_20220406T051649_E001       Backscatter Error (Retracker 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_20220406T051609_20220406T051649_E001       Backscatter Error (Retracker 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_20220406T052954_20220406T053141_E001       Backscatter Error (Retracker 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_20220406T055140_20220406T055140_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records     <	CS_OFFL_SIR_SAR_220220406T034530_20220406T035048_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220406T041015_20220406T0544119_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T050333_20220406T050448_E001       Backscatter Error (Retracker 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_20220406T051609_20220406T051649_E001       Backscatter Error (Retracker 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_20220406T052954_20220406T053141_E001       Backscatter Error (Retracker 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_20220406T055140_20220406T055140_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T055140_20220406T055225_E001       Backscatter Error (Retracker 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_20220406T055344_20220406T055225_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracke	CS_OFFL_SIR_SAR_220220406T040606_20220406T040802_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220406T050333_20220406T050448_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T051609_20220406T051649_E001       Backscatter Error (Retracker 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_20220406T052954_20220406T053141_E001       Backscatter Error (Retracker 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_20220406T052954_20220406T053141_E001       Backscatter Error (Retracker 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_20220406T0554416_20220406T055140_E001       Backscatter Error (Retracker 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_20220406T055140_20220406T05525_E001       Backscatter Error (Retracker 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_20220406T055140_20220406T05525_E001       Backscatter Error (Retracker 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_20220406T055346_20220406T05524_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatte	CS_OFFL_SIR_SAR_220220406T041015_20220406T041156_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220406T050333_20220406T050448_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T051609_20220406T051649_E001       Backscatter Error (Retracker 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_20220406T052954_20220406T053141_E001       Backscatter Error (Retracker 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_20220406T054416_20220406T055140_E001       Backscatter Error (Retracker 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_20220406T055140_20220406T055140_E001       Backscatter Error (Retracker 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_20220406T055140_20220406T055225_E001       Backscatter Error (Retracker 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_20220406T055140_20220406T05524_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220220406T043834_20220406T044119_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220406T055049_20220406T055049_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T0552954_20220406T055140_E001       Backscatter Error (Retracker 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_20220406T055140_20220406T055140_E001       Backscatter Error (Retracker 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_20220406T055140_20220406T055225_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T055140_20220406T055225_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T055340_20220406T055240_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220220406T050333_20220406T050448_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220406T0554416_20220406T055140_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20220406T055140_20220406T055140_E001       Backscatter Error (Retracker 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_20220406T055140_20220406T055225_E001       Backscatter Error (Retracker 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_20220406T055140_20220406T055225_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220220406T051609_20220406T051649_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202204061054416_202204061055140_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202204061055140_202204061055225_E001       Backscatter Error (Retracker 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_202204061055326_202204061055225_E001       Backscatter Error (Retracker 2), Backscat	CS_OFFL_SIR_SAR_220220406T052954_20220406T053141_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20220406T055336_20220406T055419_E001 Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), There is a backscatter error for Betracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220220406T054416_20220406T055140_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_220220406T055140_20220406T055225_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_220220406T055336_20220406T055419_E001		There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_2_20220406T055825_20220406T060556_E001	Backscatter Error (Retracker 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_20220406T060727_20220406T061007_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T064211_20220406T064240_E001	Backscatter Error (Retracker 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_20220406T065414_20220406T065710_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T065726_20220406T070032_E001	Backscatter Error (Retracker 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_20220406T071303_20220406T071317_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T073036_20220406T073047_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T073721_20220406T074302_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T074351_20220406T074449_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T074814_20220406T074925_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T074927_20220406T074942_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T080354_20220406T080557_E001	Backscatter Error (Retracker 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_20220406T082134_20220406T082146_E001	Backscatter Error (Retracker 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_20220406T083252_20220406T083741_E001	Backscatter Error (Retracker 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_20220406T090644_20220406T090737_E001	Backscatter Error (Retracker 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_20220406T090919_20220406T091042_E001	Backscatter Error (Retracker 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_20220406T091338_20220406T091424_E001	Backscatter Error (Retracker 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_20220406T091637_20220406T092328_E001	Backscatter Error (Retracker 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_20220406T093709_20220406T094556_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T100025_20220406T100039_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T104803_20220406T105004_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T105501_20220406T110015_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T110049_20220406T110211_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T113659_20220406T113731_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T114001_20220406T114054_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T115232_20220406T115311_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T123255_20220406T124209_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T124209_20220406T124317_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T131933_20220406T131942_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T133125_20220406T133313_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T141100_20220406T141832_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T141857_20220406T142359_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T142746_20220406T142943_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T143048_20220406T143210_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220220406T144948_20220406T145301_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T145917_20220406T145955_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T151005_20220406T151231_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T154613_20220406T155636_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T155637_20220406T155759_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T155854_20220406T155953_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T160229_20220406T160537_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T160743_20220406T161023_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T163831_20220406T163915_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T164854_20220406T165138_E001	Backscatter Error (Retracker 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_20220406T172551_20220406T172714_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T172849_20220406T173536_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T173537_20220406T173942_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T174006_20220406T175021_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T181315_20220406T181617_E001	Backscatter Error (Retracker 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_20220406T181639_20220406T182010_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T183020_20220406T183153_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T184636_20220406T184756_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T184909_20220406T185349_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T190100_20220406T190305_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T190328_20220406T190548_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T190820_20220406T190944_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T191012_20220406T191429_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T191430_20220406T191538_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T192029_20220406T192058_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T193834_20220406T194004_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T195405_20220406T195919_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T201038_20220406T201050_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T202618_20220406T202819_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T204807_20220406T204953_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T204953_20220406T205445_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T205823_20220406T210251_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T210352_20220406T210533_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T213716_20220406T213739_E001	Backscatter Error (Retracker 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_20220406T214951_20220406T215021_E001	Backscatter Error (Retracker 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_20220406T220526_20220406T220709_E001	Backscatter Error (Retracker 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_20220406T220709_20220406T221341_E001	Backscatter Error (Retracker 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_20220406T222734_20220406T223402_E001	Backscatter Error (Retracker 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_20220406T223957_20220406T224217_E001	Backscatter Error (Retracker 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_20220406T231604_20220406T231650_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220406T232914_20220406T232934_E001	Backscatter Error (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_220220406T000751_20220406T000918_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_220220406T001101_20220406T001205_E001	track Angle Error SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220406T001633_20220406T001856_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_220220406T005703_20220406T005721_E001	Backscatter Error (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_220220406T005931_20220406T005943_E001	Backscatter Error (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_220220406T010517_20220406T011354_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_220220406T014728_20220406T015121_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_220220406T015712_20220406T015838_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_220220406T023313_20220406T023436_E001	Backscatter Error (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_220220406T023800_20220406T023855_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_220220406T024646_20220406T024744_E001	Backscatter Error (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_220220406T024830_20220406T024945_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_220220406T032715_20220406T033028_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_220220406T033544_20220406T033654_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_220220406T040803_20220406T040855_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_220220406T041157_20220406T041306_E001	Backscatter Error (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_220220406T050449_20220406T050907_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_220220406T051446_20220406T051609_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_220220406T055238_20220406T055324_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_220220406T055419_20220406T055825_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_220220406T064241_20220406T064406_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_220220406T065227_20220406T065413_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_220220406T073047_20220406T073204_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_220220406T073629_20220406T073721_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_220220406T074302_20220406T074350_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_220220406T075104_20220406T075206_E001	Backscatter Error (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_20220406T082146_20220406T082328_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_20220406T082900_20220406T082907_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220406T083030_20220406T083252_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_220220406T091043_20220406T091337_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_220220406T091425_20220406T091636_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_220220406T100039_20220406T100246_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_220220406T100930_20220406T101401_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_220220406T105108_20220406T105500_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_220220406T110016_20220406T110049_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_220220406T110954_20220406T111109_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_220220406T111204_20220406T111522_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_220220406T114055_20220406T114329_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_220220406T114714_20220406T114720_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220406T115048_20220406T115231_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error Backscatter Error (Retracker 2),	was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220406T122233_20220406T123255_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_220220406T131943_20220406T132112_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_220220406T132948_20220406T133125_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_220220406T140742_20220406T140910_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_220220406T140955_20220406T141100_E001	Backscatter Error (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_220220406T141833_20220406T141857_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_220220406T145956_20220406T150112_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_220220406T150646_20220406T151004_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_220220406T155800_20220406T155854_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_220220406T160100_20220406T160216_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_220220406T161731_20220406T161915_E001	Backscatter Error (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_220220406T163915_20220406T164033_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_220220406T164542_20220406T164854_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_220220406T175447_20220406T175537_E001	Backscatter Error (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_220220406T182011_20220406T182248_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_220220406T182447_20220406T183020_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_20220406T190945_20220406T191012_E001 Backscatter Error (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_20220406T191539_20220406T192029_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error	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_20220406T195920_20220406T200155_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error	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_20220406T200358_20220406T200501_E001 SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220406T200900_20220406T201038_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error	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_20220406T203743_20220406T204025_E001 Backscatter Error (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_20220406T205445_20220406T205553_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error	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_20220406T205659_20220406T205822_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error	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_20220406T211705_20220406T212357_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error, Surface model unavailable	X There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220406T212630_20220406T213242_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error, Surface model unavailable	X There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220406T213654_20220406T213716_E001 Backscatter Error (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_20220406T213740_20220406T214000_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error	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_20220406T214803_20220406T214951_E001 Backscatter Error (Retracker 2), backscatter Error (Retracker 3), SARIn track Angle Error	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_20220406T221515_20220406T221850_E001 SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220406T223402_20220406T223956_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error, Surface model unavailable	X There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_2_20220406T231650_20220406T231838_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error	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_20220406T232046_20220406T232114_E001 SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220406T232648_20220406T232913_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn track Angle Error	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_20220406T235657_20220406T235840_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