





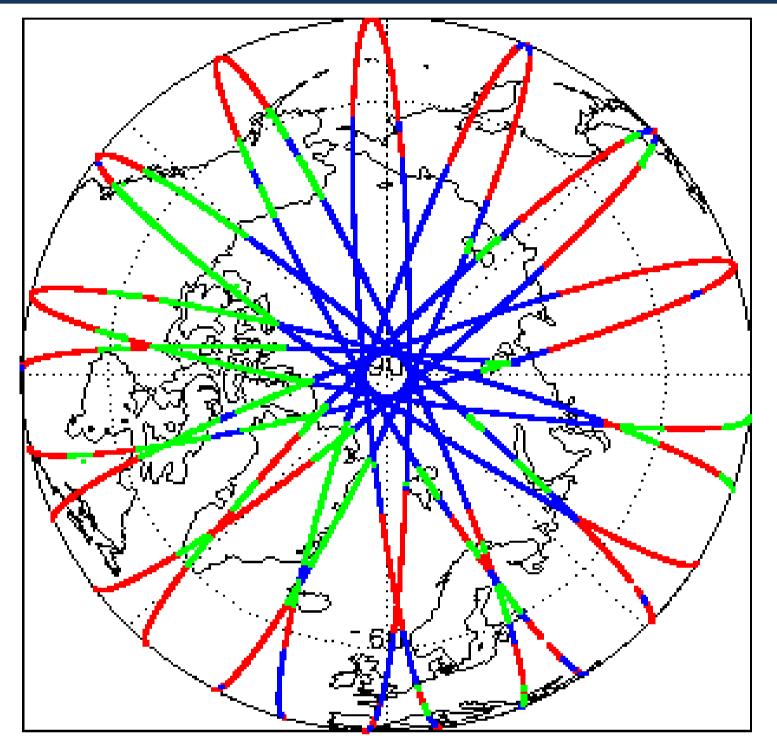
## 1. Overview

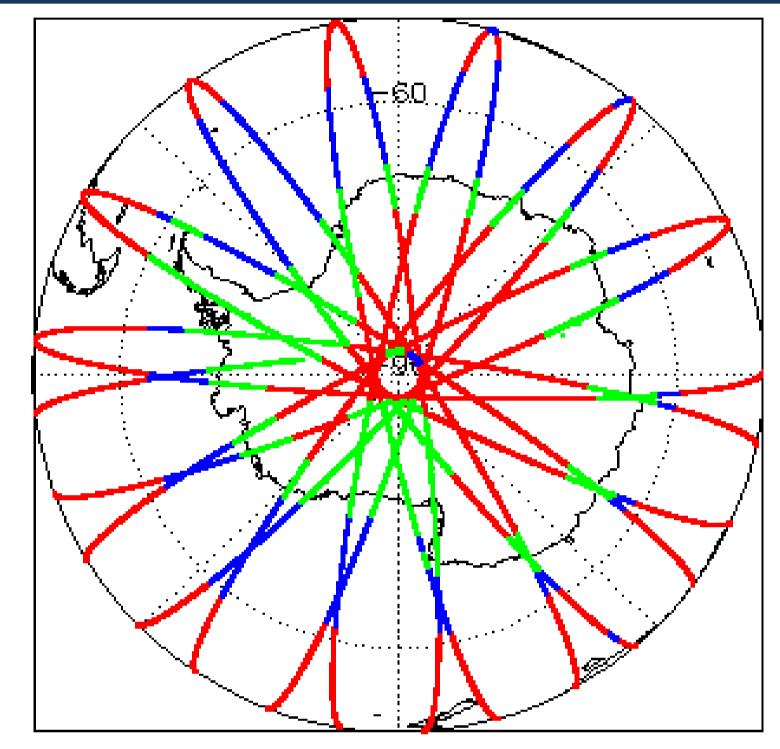
<b>Report Production Date:</b>	16-Dec-2022	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

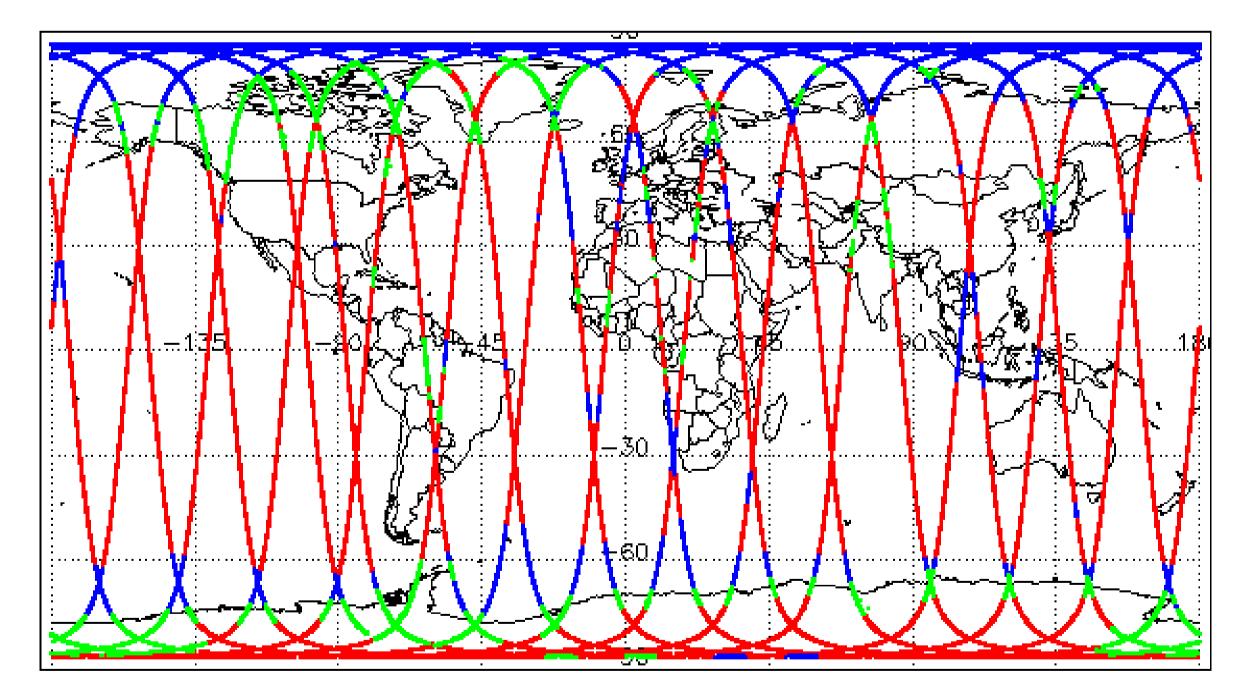
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	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 / Instru	Mission / Instrument News		
15-Nov-2022	None		
16-Nov-2022	None		
17-Nov-2022	Nothing planned		

# 2. Global Coverage



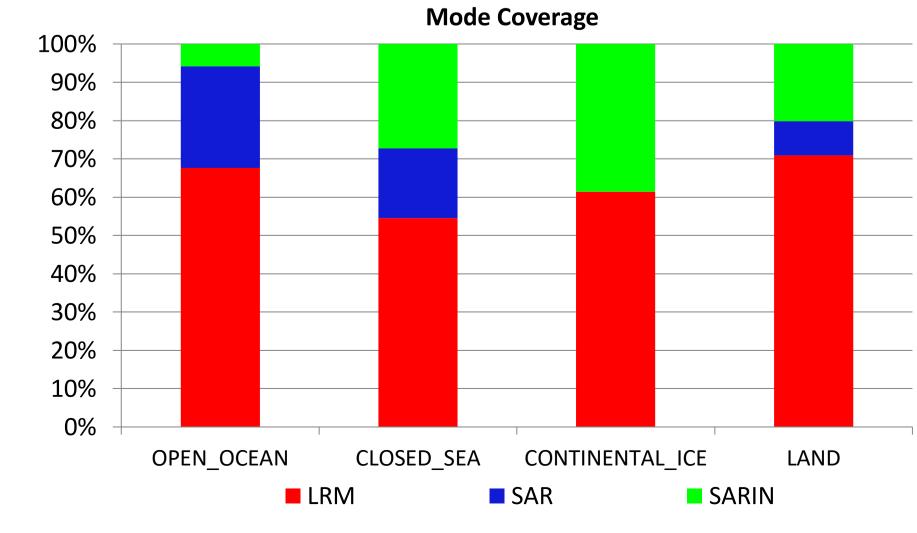


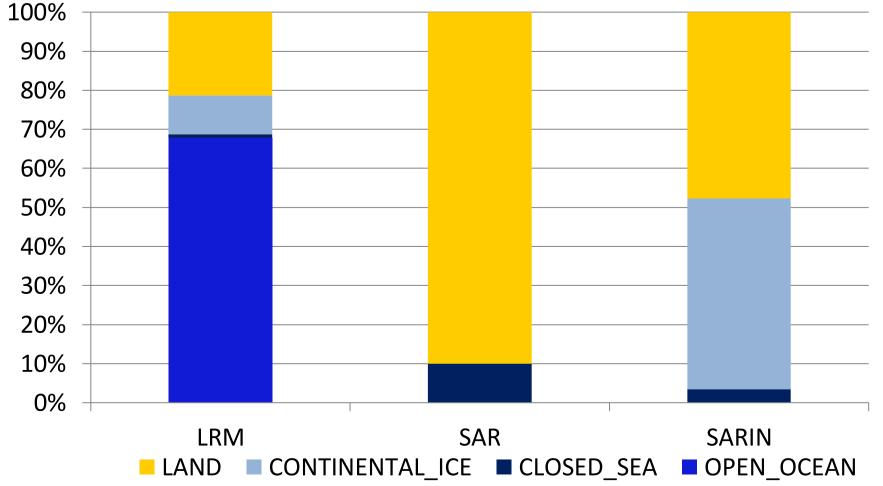


Mode Coverage (%)

LRM	67.5
SAR	20.0
SARIn	12.5

Surface Type





## **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 Che	ck				
Each product, retrieved and unpacked from	n 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:	0				
4.2 L1B Product Header Ana	lysis				
For all products, a series of pre-defined ch	ecks are carried out on the MPH	and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.			
Number of products with errors:	0				
4.3 Star Tracker Usage Check					
Each product is checked in order to ensure	e a valid star tracker file has beer	n used in processing.			
Number of products with errors:	0				
4.4 L1B Tracking Flags Check					
CryoSat L1B data includes a tracking flag for each measurement record. The bit value of this flag indicates any problems when set.					
Loss of Echo Flag: This flag is currently set for some products over land, but this is to be expected.					

Number of products with errors:

132

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20221116T000404_20221116T002909_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T002911_20221116T002915_E001	Loss of echo	The tracking echo is missing for one or more records

CS\_OFFL\_SIR\_LRM\_1B\_20221116T002917\_20221116T002948\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T002950\_20221116T003747\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T005453\_20221116T005931\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T010342\_20221116T010457\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T010502\_20221116T012729\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T023238\_20221116T023621\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T023842\_20221116T023903\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T023907\_20221116T023914\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T023918\_20221116T030010\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T031039\_20221116T031844\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T041039\_20221116T041130\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T041425\_20221116T041719\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T041721\_20221116T041738\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T041757\_20221116T041838\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T042416\_20221116T042928\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T043049\_20221116T043558\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T052631\_20221116T053657\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T053713\_20221116T053814\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T055548\_20221116T055616\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T055720\_20221116T055859\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T055932\_20221116T060426\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T064149\_20221116T070752\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T070931\_20221116T071530\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T071532\_20221116T071549\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T071553\_20221116T071557\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T071559\_20221116T071614\_E001

Loss 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_20221116T071617_20221116T071629_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T071631_20221116T071633_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T071635_20221116T071652_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T071656_20221116T071808_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T082552_20221116T083705_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T083710_20221116T084739_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T085130_20221116T085250_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T085253_20221116T085326_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T085329_20221116T085330_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T085334_20221116T085353_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T085359_20221116T085414_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T085416_20221116T085607_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T085609_20221116T085621_E001	Loss of echo	The tracking echo is missing for one or more records

CS\_OFFL\_SIR\_LRM\_1B\_20221116T085624\_20221116T085745\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T091102\_20221116T092647\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T092912\_20221116T093201\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T093307\_20221116T093522\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T093532\_20221116T094409\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T095028\_20221116T095300\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T100017\_20221116T101435\_E001 CS OFFL SIR LRM 1B 20221116T101615 20221116T102017 E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T102324\_20221116T102635\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T102637\_20221116T103041\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T103043\_20221116T103116\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T103119\_20221116T103123\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T103153\_20221116T103155\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T103157\_20221116T103223\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T103225\_20221116T103750\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T104934\_20221116T105142\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T105305\_20221116T110015\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T110138\_20221116T112441\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T114003\_20221116T120315\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T120645\_20221116T120740\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T120918\_20221116T121255\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T122756\_20221116T122853\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T123015\_20221116T123757\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T123801\_20221116T130335\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T131941\_20221116T134340\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T134342\_20221116T134348\_E001 CS OFFL SIR LRM 1B 20221116T134351 20221116T134611 E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T134613\_20221116T134616\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T134620\_20221116T135134\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T135134\_20221116T135353\_E001 CS OFFL SIR LRM 1B 20221116T145859 20221116T151255 E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T151302\_20221116T152333\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T152512\_20221116T152621\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T152759\_20221116T152901\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T153331\_20221116T153411\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T165246\_20221116T165509\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T165520\_20221116T165959\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T170142\_20221116T170425\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T170709\_20221116T170823\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T173943\_20221116T180057\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T183005\_20221116T183723\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T190426\_20221116T190452\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T190455\_20221116T190536\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T190539\_20221116T190726\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T190729\_20221116T190742\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T190746\_20221116T191226\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T191405\_20221116T194000\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T194812\_20221116T195043\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T195856\_20221116T201126\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T204259\_20221116T204301\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221116T204304\_20221116T204307\_E001

Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records Loss of echo Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records Loss of echo Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records Loss of echo Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records Loss of echo The tracking echo is missing for one or more records The tracking echo is missing for one or more records Loss of echo Loss of echo The tracking echo is missing for one or more records o trocking coho io miccing for or

CS_OFFL_SIR_LRM_1B_20221116T204309_20221116T204312_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T204315_20221116T204319_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T204326_20221116T204404_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T204407_20221116T204440_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T204442_20221116T204451_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T204454_20221116T204513_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T204516_20221116T204528_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T204531_20221116T204537_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T204543_20221116T204551_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T204553_20221116T204559_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T204601_20221116T204606_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T204611_20221116T204612_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T204614_20221116T204628_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20221116T204630_20221116T204631_E001
CS_OFFL_SIR_LRM_1B_20221116T204638_20221116T204648_E001
CS_OFFL_SIR_LRM_1B_20221116T204650_20221116T204653_E001
CS_OFFL_SIR_LRM_1B_20221116T204656_20221116T204724_E001
CS_OFFL_SIR_LRM_1B_20221116T204727_20221116T204801_E001
CS_OFFL_SIR_LRM_1B_20221116T204804_20221116T204814_E001
CS_OFFL_SIR_LRM_1B_20221116T204816_20221116T204919_E001
CS_OFFL_SIR_LRM_1B_20221116T205236_20221116T210218_E001
CS_OFFL_SIR_LRM_1B_20221116T210422_20221116T211928_E001
CS_OFFL_SIR_LRM_1B_20221116T213557_20221116T214646_E001
CS_OFFL_SIR_LRM_1B_20221116T214649_20221116T214652_E001
CS_OFFL_SIR_LRM_1B_20221116T214655_20221116T214719_E001
CS_OFFL_SIR_LRM_1B_20221116T214722_20221116T214740_E001
CS_OFFL_SIR_LRM_1B_20221116T214743_20221116T214750_E001
CS_OFFL_SIR_LRM_1B_20221116T214752_20221116T214754_E001
CS_OFFL_SIR_LRM_1B_20221116T214757_20221116T214758_E001
CS_OFFL_SIR_LRM_1B_20221116T214801_20221116T214812_E001
CS_OFFL_SIR_LRM_1B_20221116T214833_20221116T214925_E001
CS_OFFL_SIR_LRM_1B_20221116T215253_20221116T220912_E001
CS_OFFL_SIR_LRM_1B_20221116T222150_20221116T222542_E001
CS_OFFL_SIR_LRM_1B_20221116T222546_20221116T222637_E001
CS_OFFL_SIR_LRM_1B_20221116T222639_20221116T222644_E001
CS_OFFL_SIR_LRM_1B_20221116T222648_20221116T222717_E001
CS_OFFL_SIR_LRM_1B_20221116T222723_20221116T222732_E001
CS_OFFL_SIR_LRM_1B_20221116T222737_20221116T223531_E001

Loss of echo	The tracking
Loss of echo	The tracking

The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20221116T231339_20221116T233938_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221116T233943_20221116T234717_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:

0

0

0

## 4.6 L1B Auxilary Data File Usage Check

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

Number of products with errors:

## 4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

#### 4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

2

Product	Test Failed	Description
CS OFFL SIR LRM 1B 20221116T041425 20221116T041719 E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set,
C3_0FFL_SIK_LKW_TB_202211101041425_202211101041719_E001	ECHO error, TRK echo error	indicating a degraded echo

5. Level 2 Data Quality Chec	ty Check
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#### **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:

0

## 5.4 L2 Auxiliary Correction Error Check

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

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

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

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

#### Number of products with errors:

101

roduct	Test Failed	Description
S_OFFL_SIR_SAR_220221116T000203_20221116T000404_E001	Snow depth model	There is an error with the Snow Depth value, where one or more recor falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220221116T012730_20221116T012923_E001	Snow depth model	There is an error with the Snow Depth value, where one or more recor falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220221116T014056_20221116T014342_E001	Snow depth model	There is an error with the Snow Depth value, where one or more recor falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220221116T023113_20221116T023238_E001	Snow depth model	There is an error with the Snow Depth value, where one or more recor falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220221116T023756_20221116T023842_E001	Snow depth model	There is an error with the Snow Depth value, where one or more recor falls outside of the extent of the current snow depth model
_OFFL_SIR_SAR_220221116T030010_20221116T030229_E001	Snow depth model	There is an error with the Snow Depth value, where one or more recor falls outside of the extent of the current snow depth model
_OFFL_SIR_SAR_220221116T030642_20221116T030915_E001	Snow depth model	There is an error with the Snow Depth value, where one or more recor
S_OFFL_SIR_SAR_220221116T031956_20221116T032411_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 recor
_OFFL_SIR_SAR_220221116T035729_20221116T035809_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 recor
_OFFL_SIR_SAR_220221116T041130_20221116T041200_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 recor
_OFFL_SIR_SAR_220221116T041323_20221116T041425_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 recor
_OFFL_SIR_SAR_220221116T042024_20221116T042101_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 record
		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more recor
S_OFFL_SIR_SAR_220221116T043559_20221116T043911_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 recor
S_OFFL_SIR_SAR_220221116T044434_20221116T044850_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 recor
_OFFL_SIR_SAR_220221116T045839_20221116T050227_E001	Snow depth model	falls outside of the extent of the current snow depth model
_OFFL_SIR_SAR_220221116T052346_20221116T052631_E001	Snow depth model	There is an error with the Snow Depth value, where one or more reconnected falls outside of the extent of the current snow depth model
_OFFL_SIR_SAR_220221116T053657_20221116T053713_E001	Snow depth model	There is an error with the Snow Depth value, where one or more reco falls outside of the extent of the current snow depth model
G_OFFL_SIR_SAR_220221116T054527_20221116T054709_E001	Snow depth model	There is an error with the Snow Depth value, where one or more record falls outside of the extent of the current snow depth model
_OFFL_SIR_SAR_220221116T054712_20221116T054718_E001	Snow depth model	There is an error with the Snow Depth value, where one or more reconnected falls outside of the extent of the current snow depth model
_OFFL_SIR_SAR_220221116T055206_20221116T055548_E001	Snow depth model	There is an error with the Snow Depth value, where one or more record falls outside of the extent of the current snow depth model
_OFFL_SIR_SAR_220221116T055616_20221116T055720_E001	Snow depth model	There is an error with the Snow Depth value, where one or more reco falls outside of the extent of the current snow depth model
_OFFL_SIR_SAR_220221116T055859_20221116T055932_E001	Snow depth model	There is an error with the Snow Depth value, where one or more reco falls outside of the extent of the current snow depth model
_OFFL_SIR_SAR_220221116T061238_20221116T061425_E001	Snow depth model	There is an error with the Snow Depth value, where one or more reconnected falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220221116T062440_20221116T062836_E001	Snow depth model	There is an error with the Snow Depth value, where one or more record falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220221116T063816_20221116T063854_E001	Snow depth model	There is an error with the Snow Depth value, where one or more record falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220221116T063919_20221116T064149_E001	Snow depth model	There is an error with the Snow Depth value, where one or more reco
_OFFL_SIR_SAR_220221116T070752_20221116T070931_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 record
	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 record
	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 record
		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more record
CFFL_SIR_SAR_220221116T073739_20221116T073752_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 record
_OFFL_SIR_SAR_220221116T080212_20221116T080913_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 reco
_OFFL_SIR_SAR_220221116T082008_20221116T082105_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 record
S_OFFL_SIR_SAR_220221116T082501_20221116T082552_E001	Snow depth model	falls outside of the extent of the current snow depth model
_OFFL_SIR_SAR_220221116T084740_20221116T084923_E001	Snow depth model	There is an error with the Snow Depth value, where one or more reconnected falls outside of the extent of the current snow depth model
_OFFL_SIR_SAR_220221116T092647_20221116T092900_E001	Snow depth model	There is an error with the Snow Depth value, where one or more reconnected falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220221116T093522_20221116T093531_E001	Snow depth model	There is an error with the Snow Depth value, where one or more recore falls outside of the extent of the current snow depth model
_OFFL_SIR_SAR_220221116T095930_20221116T100017_E001	Snow depth model	There is an error with the Snow Depth value, where one or more recore falls outside of the extent of the current snow depth model
_OFFL_SIR_SAR_220221116T101435_20221116T101615_E001	Snow depth model	There is an error with the Snow Depth value, where one or more recor falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220221116T102017_20221116T102323_E001	Snow depth model	There is an error with the Snow Depth value, where one or more recor falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220221116T103123_20221116T103140_E001	Snow depth model	There is an error with the Snow Depth value, where one or more recor falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220221116T103142_20221116T103153_E001	Snow depth model	There is an error with the Snow Depth value, where one or more recor falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220221116T104606_20221116T104705_E001	Snow depth model	There is an error with the Snow Depth value, where one or more recor

CS_OFFL_SIR_SAR_220221116T112441_20221116T112636_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_220221116T113906_20221116T114002_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_220221116T130335_20221116T130613_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_220221116T131724_20221116T131941_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_220221116T135353_20221116T140344_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221116T141451_20221116T141500_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_20221116T144135_20221116T144553_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_220221116T145659_20221116T145859_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_220221116T152333_20221116T152436_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_220221116T152438_20221116T152512_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221116T152621_20221116T152759_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_220221116T153110_20221116T153135_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_220221116T153259_20221116T153330_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_220221116T154632_20221116T154653_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_220221116T162148_20221116T162538_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_220221116T163519_20221116T164051_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_220221116T164435_20221116T164903_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221116T164905_20221116T165051_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_220221116T170425_20221116T170616_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_220221116T170839_20221116T171123_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_220221116T171526_20221116T171643_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_220221116T171646_20221116T172641_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221116T173657_20221116T173943_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_220221116T180058_20221116T180301_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_220221116T180854_20221116T180900_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_220221116T181430_20221116T181813_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_220221116T182818_20221116T183005_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_220221116T184224_20221116T184857_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_220221116T185200_20221116T185236_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_220221116T191226_20221116T191405_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_220221116T194000_20221116T194104_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221116T194753_20221116T194759_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_220221116T194806_20221116T194812_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_220221116T195232_20221116T195856_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_220221116T201126_20221116T201156_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221116T205042_20221116T205236_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_220221116T210219_20221116T210422_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_220221116T211928_20221116T212010_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_220221116T212651_20221116T212658_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_220221116T212705_20221116T212711_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_220221116T213117_20221116T213401_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_220221116T213515_20221116T213557_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_220221116T221211_20221116T221246_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221116T223532_20221116T224256_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_220221116T224257_20221116T224346_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_220221116T225805_20221116T225856_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_220221116T230605_20221116T230610_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_220221116T231218_20221116T231339_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221116T233938_20221116T233942_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_220221116T045533_20221116T045838_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

CS_OFFL_SIR_SIN_220221116T062836_20221116T063142_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221116T063434_20221116T063816_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221116T080913_20221116T081147_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221116T094410_20221116T095028_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221116T144553_20221116T144945_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221116T162538_20221116T162852_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221116T180302_20221116T180725_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221116T212851_20221116T213117_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221116T230755_20221116T231218_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_220221116T000404_20221116T002909_E001	(Refracker 3) Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records

CS_OFFL_SIR_LRM_220221116T000404_20221116T002909_E001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220221116T005237_20221116T005330_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_220221116T010502_20221116T012729_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_220221116T014343_20221116T021527_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_220221116T023918_20221116T030010_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_220221116T030229_20221116T030641_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_220221116T032411_20221116T035602_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 , a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221116T040908_20221116T041021_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_220221116T050227_20221116T052346_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_220221116T052631_20221116T053657_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_220221116T053713_20221116T053814_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_220221116T060701_20221116T061238_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_220221116T061425_20221116T062439_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_220221116T064149_20221116T070752_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_220221116T070931_20221116T071530_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_220221116T073752_20221116T080212_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_220221116T082552_20221116T083705_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_220221116T083710_20221116T084739_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_220221116T091102_20221116T092647_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_220221116T093532_20221116T094409_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_220221116T100017_20221116T101435_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_220221116T101615_20221116T102017_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_220221116T103225_20221116T103750_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221116T104934_20221116T105142_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_220221116T105305_20221116T110015_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_220221116T110138_20221116T112441_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_220221116T114003_20221116T120315_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_220221116T123801_20221116T130335_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_220221116T131941_20221116T134340_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_220221116T141202_20221116T141451_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_220221116T141500_20221116T144135_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_220221116T145859_20221116T151255_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_220221116T151302_20221116T152333_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_220221116T154812_20221116T162148_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_220221116T165051_20221116T165235_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_220221116T170142_20221116T170425_E001	Height Error (Retracker 2), Height Error (Retracker 3),	#N/A
CS_OFFL_SIR_LRM_220221116T172641_20221116T173657_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_220221116T173943_20221116T180057_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_220221116T181813_20221116T182818_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_220221116T183005_20221116T183723_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_220221116T183818_20221116T184224_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_220221116T185011_20221116T185103_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_220221116T190426_20221116T190452_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221116T190455_20221116T190536_E001		No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221116T190539_20221116T190726_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_220221116T190746_20221116T191226_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_220221116T191405_20221116T194000_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_220221116T195856_20221116T201126_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_220221116T201156_20221116T202915_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_220221116T204326_20221116T204404_E001		No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221116T204656_20221116T204724_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220221116T205236_20221116T210218_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220221116T210422_20221116T211928_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_220221116T213557_20221116T214646_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_220221116T215253_20221116T220912_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 , a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records

CS_OFFL_SIR_LRM_220221116T222737_20221116T223531_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221116T224346_20221116T225805_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_220221116T231339_20221116T233938_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_SAR_220221116T000203_20221116T000404_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T004332_20221116T004625_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T004625_20221116T005237_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T012730_20221116T012923_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T014056_20221116T014342_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T022026_20221116T022805_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T022839_20221116T022953_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T023113_20221116T023238_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T030010_20221116T030229_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T030642_20221116T030915_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T031956_20221116T032411_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T035956_20221116T040627_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T040627_20221116T040908_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T041323_20221116T041425_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T042024_20221116T042101_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T043559_20221116T043911_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T044434_20221116T044850_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T045839_20221116T050227_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T052346_20221116T052631_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T053833_20221116T054527_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T054527_20221116T054709_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T054712_20221116T054718_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T055206_20221116T055548_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T055616_20221116T055720_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T055859_20221116T055932_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T061238_20221116T061425_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T062440_20221116T062836_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T063816_20221116T063854_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T063919_20221116T064149_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T070752_20221116T070931_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T071808_20221116T071924_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220221116T071942_20221116T072424_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T072424_20221116T072543_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T072833_20221116T072837_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T072913_20221116T072955_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T073739_20221116T073752_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T080212_20221116T080913_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T082008_20221116T082105_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T082501_20221116T082552_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T084740_20221116T084923_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T085745_20221116T090305_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T090305_20221116T090422_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T095930_20221116T100017_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T101435_20221116T101615_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T102017_20221116T102323_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T103751_20221116T103904_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T103942_20221116T104022_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T104022_20221116T104357_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T104606_20221116T104705_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T112441_20221116T112636_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T113906_20221116T114002_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T121517_20221116T121545_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T121545_20221116T122311_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T130335_20221116T130613_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T131724_20221116T131941_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T135353_20221116T140344_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T141451_20221116T141500_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T144135_20221116T144553_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T145659_20221116T145859_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T152333_20221116T152436_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T152438_20221116T152512_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T152621_20221116T152759_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T153110_20221116T153135_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T153542_20221116T153619_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221116T153716_20221116T154505_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

D2.5PPL.03.2.3.2     D3.5000     B.50000     Provide State	CS_OFFL_SIR_SAR_220221116T162148_20221116T162538_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
Die Neue Auf 2000       International (Die Neueronal)       International Science (Die Neueronal)       International Science (Die Neueronal)         CKUMULUR, DAX_LACK 100 (CKUKK) (DIE MARK)       International (Die Neueronal)       The Restance (Die Neueronal)       The Restance (Die Neueronal)         CKUMULUR, DAX_LACK 100 (CKUKK) (DIE MARK)       International (Die Neueronal)       The Restance (Die Neueronal)       The Restance (Die Neueronal)       The Restance (Die Neueronal)       The Restance (Die Neueronal)         CKUMULUR, DAX_LACK 100 (CKUKK) (DIE MARK)       International (Die Neueronal)       The Restance (Di	CS_OFFL_SIR_SAR_220221116T163519_20221116T164051_E001	· · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
<ul> <li>Der Seit Auf V. Aufüre Freis zum Freisenste fürst Berecker (and Berecker</li></ul>	CS_OFFL_SIR_SAR_220221116T164435_20221116T164903_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Controls Carl 2012 Approximation of the control of	CS_OFFL_SIR_SAR_220221116T164905_20221116T165051_E001	· · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Control Control Control Control     Restantion and releasing of the set builded and of t	CS_OFFL_SIR_SAR_220221116T170425_20221116T170616_E001	· · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Cold (1) Cold (2)	CS_OFFL_SIR_SAR_220221116T170839_20221116T171123_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CSCUTL SCRUCT_202116     CONCENTS     Security and relationship     The exclusion of the functional and the functional an	CS_OFFL_SIR_SAR_220221116T171526_20221116T171643_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Control (Strict)         Control (Strict)         Control (Strict)         Control (Strict)         Control (Strict)           CS DPL (Strict)         Control (Strict)         Control (Strict)         Control (Strict)         Control (Strict)           CS DPL (Strict)         Control (Strict)         Control (Strict)         Control (Strict)         Control (Strict)           CS DPL (Strict)         Control (Strict)         Control (Strict)         Control (Strict)         Control (Strict)           CS DPL (Strict)         Control (Strict)         Control (Strict)         Control (Strict)         Control (Strict)           CS DPL (Strict)         Control (Strict)         Control (Strict)         Control (Strict)         Control (Strict)           CS DPL (Strict)         Control (Strict)         Control (Strict)         Control (Strict)         Control (Strict)           CS DPL (Strict)         Control (Strict)         Control (Strict)         Control (Strict)         Control (Strict)           CS DPL (Strict)         Control (Strict)         Control (Strict)         Control (Strict)         Control (Strict)           CS DPL (Strict)         Control (Strict)         Control (Strict)         Control (Strict)         Control (Strict)           CS DPL (Strict)         Control (Strict)         Control (Strict)         Control (Strict)         Control	CS_OFFL_SIR_SAR_220221116T171646_20221116T172641_E001	· · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Display         Display         Display         Display         Display         Provide 2 and statement of the model 2 and 3 to one of non-model 2           GS         GPL         SR         SR         2 and 21116 F194320         Display         Provide 2 and 310 one of non-model 2         Display           GS         GPL         SR         SR         2 and 21116 F194320         Display         Provide 2 and 310 one of non-model 2         Display           GS         GPL         SR         A ADD 1116 F194274         Display         Provide 2 and 310 one of non-model 2         Display	CS_OFFL_SIR_SAR_220221116T173657_20221116T173943_E001	, , , , , , , , , , , , , , , , , , ,	There is a backscatter error for Retracker 2 and 3 for one or more records
Clip CPU, Clip CPU, Clip Clip Clip Clip Clip Clip Clip Clip	CS_OFFL_SIR_SAR_220221116T180058_20221116T180301_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Description         Backsteler         Interfer         Backsteler         Backsteler	CS_OFFL_SIR_SAR_220221116T181430_20221116T181813_E001	, , , , , , , , , , , , , , , , , , ,	There is a backscatter error for Retracker 2 and 3 for one or more records
City Dr Land, SAR 2, 2021 INTENDED, 2021 INTENDE, 2021 INTENDED, 2021 INTENDED, 2021 INTENDED, 2021 INT	CS_OFFL_SIR_SAR_220221116T182818_20221116T183005_E001	· · · · · · · · · · · · · · · · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Construction         Desk Staff 2         AuxT1101         IESC/0001         Biodecontrol Trans (Restance 1)         There is a backstaff and or feature 2 and 3 for one or more records           CS_OFFL_SR_SAR_2_302211107160407_302211107101404_E001         Biodecontrol Trans (Restance 2)         There is a backstaff and restance 3)         There is a backstaff and restance 3)           CS_OFFL_SR_SAR_2_302211107119200_20221110710404_E001         Biodecontrol Trans (Restance 2)         There is a backstaff and restance 3)         There is a backstaff and restance 3)           CS_OFFL_SR_SAR_2_30221110710200_2021110710404_E001         Biodecontrol Trans (Restance 2)         There is a backstaff and restance 3)         There is a backstaff and restance 3)           CS_OFFL_SR_SAR_2_3022111071020_2021110710404_E001         Biodecontrol Trans (Restance 3)         There is a backstaff and restance 3)         There is a backstaff and restance 3)           CS_OFFL_SR_SAR_2_3022111072022_20221110720122_E001         Biodecontrol Trans (Restance 3)         There is a backstaff and restance 3)         There is a backstaff and restance 3)           CS_OFFL_SR_SAR_2_3022111072022.20221110720229_E001         Biodecontrol Trans (Restance 3)         There is a backstaff and restance 3)         There is a backstaff and restance 3)           CS_OFFL_SR_SR_R_2_3022111072020_E001         Biodecontrol Trans (Restance 3)         There is a backstaff and restance 3)         There is a backstaff and restance 3)           CS_OFFL_SR_SR_R_2_3022111072030_E001         Biode	CS_OFFL_SIR_SAR_220221116T184224_20221116T184857_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS: DFTL SR: SR: 2: AUX11161 (SSC) 20211167119126 5 C001       Baccocorter From (Remarker 3)       There is a backscatter error for additional of an extended 2 and 3 for one or more records         CS: OFTL SR: SR: 2: a02211167119126 2022111671191404 E001       Baccocorter From (Remarker 3)       There is a backscatter error for additional of a main feature or more records         CS: OFTL SR: SR: 2: a02211167119126 2022111671191404 E001       Baccocorter From (Remarker 3)       There is a backscatter error for additional or or for Remarker 2 and 3 for one or more records         CS: OFTL SR: SR: 2: a02211167126202 20211167136455 E001       Baccocorter From (Remarker 2)       There is a backscatter error for Remarker 3)         CS: OFTL SR: SR: 2: a022111671264202 20211167126455 E001       Baccocorter From (Remarker 3)       There is a backscatter error for Remarker 3)         CS: OFTL SR: SR: 2: a022111671264202 2021116720412 E001       Baccocorter From (Remarker 3)       There is a backscatter error for Remarker 3)         CS: OFTL SR: SR: 2: a0221116720422 2021116720422 E001       Baccocorter From (Remarker 3)       There is a backscatter error for Remarker 3)         CS: OFTL SR: SR: 2: a0221116720422 2021116720422 E001       Baccocorter From (Remarker 3)       There is a backscatter error for Remarker 3)         CS: OFTL SR: SR: 2: a022111672042 2021116720422 E001       Baccocorter From (Remarker 3)       There is a backscatter error for Remarker 2)         CS: OFTL SR: SR: 2: a022111672042 202111672042 2001       Baccocorter From (Remarker 3)       There is a backscatt	CS_OFFL_SIR_SAR_220221116T185200_20221116T185236_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Def L, SR, SAR, 2., 200211161204       Stablescatter Error (Retractor 3).       There is a tablescatter error for Retractor 2 and 3 for one or more records         GS, OFFL, SR, SAR, 2., 20021116120422       Stablescatter Error (Retractor 3).       There is a tablescatter error for Retractor 2 and 3 for one or more records         GS, OFFL, SR, SAR, 2., 200211161204126       Stablescatter Error (Retractor 3).       There is a tablescatter error for Retractor 2 and 3 for one or more records         GS, OFFL, SR, SAR, 2., 200211161204126       Stablescatter Error (Retractor 3).       There is a tablescatter error for Retractor 2 and 3 for one or more records         GS, OFFL, SR, SAR, 2., 200211161204126       Stablescatter Error (Retractor 3).       There is a tablescatter error for Retractor 2 and 3 for one or more records         GS, OFFL, SR, SAR, 2., 200211161204212       Stablescatter Error (Retractor 3).       There is a tablescatter error for Retractor 3).         GS, OFFL, SR, SAR, 2., 200211161204212       Stablescatter Error (Retractor 3).       There is a tablescatter error for Retractor 2 and 3 for one or more records         GS, OFFL, SR, SAR, 2., 20021116120421       Stablescatter Error (Retractor 3).       There is a tablescatter error for Retractor 2 and 3 for one or more records         GS, OFFL, SR, SAR, 2., 20021116120429       Stablescatter Error (Retractor 3).       There is a tablescatter error for Retractor 2 and 3 for one or more records         GS, OFFL, SR, SAR, 2., 2002111612116120419       Bablescatter Error (Retractor 3).       There is a tablesca	CS_OFFL_SIR_SAR_220221116T185647_20221116T190413_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221110T19400_20221110T105090_E001       Backsoatter Error (Retracter 2), Backsoatter Error (Retracter 2), Discoatter Error (Retracter 3)       There is a backsoatter error for Retracter 2 and 3 for one or more records Backsoatter Error (Retracter 3)         CS_OFFL_SIR_SAR_2_20221110T201128_20221110T201128_E001       Backsoatter Error (Retracter 3)       There is a backsoatter error for Retracter 2 and 3 for one or more records Backsoatter Error (Retracter 3)         CS_OFFL_SIR_SAR_2_20221110T20128_20221110T20129250_E001       Backsoatter Error (Retracter 3)       There is a backsoatter error for Retracter 2 and 3 for one or more records Backsoatter Error (Retracter 3)         CS_OFFL_SIR_SAR_2_20221110T20012_20221110T201292_20_E001       Backsoatter Error (Retracter 3)       There is a backsoatter error for Retracter 2 and 3 for one or more records Backsoatter Error (Retracter 3)         CS_OFFL_SIR_SAR_2_20221110T20012_20221110T20028_E001       Backsoatter Error (Retracter 3)       There is a backsoatter error for Retracter 2 and 3 for one or more records Backsoatter Error (Retracter 3)         CS_OFFL_SIR_SAR_2_20221110T21010_20221110T210402_E001       Backsoatter Error (Retracter 2), Backsoatter Error (Retracter 3)       There is a backsoatter error for Retracter 2 and 3 for one or more records Backsoatter Error (Retracter 3)         CS_OFFL_SIR_SAR_2_20221110T21310_20221110T213401_E001       Backsoatter Error (Retracter 2), Backsoatter Error (Retracter 3)       There is a backsoatter error for Retracter 2 and 3 for one or more records Backsoatter Er	CS_OFFL_SIR_SAR_220221116T191226_20221116T191405_E001	· · · · · · · · · · · · · · · · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
NS_OPT_SR_SR_2_202111613052_002111613050_001       Backstatter Error (Retracker 3)       There is a backstatter error for Retracker 2 and 3 for one or more records         OS_OPFL_SIR_SAR_2_20221116720122_20221116720122_E001       Backstatter Error (Retracker 2), Dackstatter Err	CS_OFFL_SIR_SAR_220221116T194000_20221116T194104_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
DFL_SIR_SAR_2_2021116120125       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         DS_OFFL_SIR_SAR_2_202211161203553_202211161204258_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         DS_OFFL_SIR_SAR_2_2022111612042042_02211161204258_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Ba	CS_OFFL_SIR_SAR_220221116T195232_20221116T195856_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202211161204212_20221116120452_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_20221116120422_202211161204239_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_20221116120129_20221116120422_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_202211161210219_202211161210422_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_202211161211928_202211161210402_E001       Backscatter Error (Retracker 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_20221116121355_20221116121355_20221116121355_E001       Backscatter Error (Retracker 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_20221116122145_20221116122146_E001       Backscatter Error (Retracker 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_202211161221457_202211161221456_E001       Backscatter Error (Retrack	CS_OFFL_SIR_SAR_220221116T201126_20221116T201156_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
US_OFFL_SIR_SAR_2_20211161204212_00211161204259_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_202211161205042_202211161205296_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backs	CS_OFFL_SIR_SAR_220221116T203553_20221116T204122_E001	· · · · · · · · · · · · · · · · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202211161200042_002211161200236_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_2022111612129_20221116121002       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20221116121302_202211161213001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_202211161213017_202211161213667_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_20221116121355_02211161213657_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_20221116122145_0221116121365_0221116121246_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_202211161221457_20221116122146_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_202211161221457_20221116122149_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_20221116122456_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OF	CS_OFFL_SIR_SAR_220221116T204212_20221116T204259_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221116121028_2022111612100_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_202211161213117_20221116121200_E001       Backscatter Error (Retracker 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_202211161221211_202211161221355_E001       Backscatter Error (Retracker 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_202211161221211_202211161221246_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_202211161221457_20221116122149_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_20221116122457_20221116122456_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2	CS_OFFL_SIR_SAR_220221116T205042_20221116T205236_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202211161211926_20221116121300       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_20221116T213117_20221116T213557_E001       Backscatter Error (Retracker 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_20221116T221211_20221116T213557_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_20221116T221211_20221116T221246_E001       Backscatter Error (Retracker 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_20221116T221457_20221116T22149_E001       Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2) Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20221116T224257_20221116T224346_E001       Backscatter Error (Retracker 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_20221116T224257_20221116T224346_E001       Backscatter Error (Retracker 2) Backscatter Error (Retracker 3)       There	CS_OFFL_SIR_SAR_220221116T210219_20221116T210422_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221116121317_202211161213401_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_20221116121355_202211161213557_E001       Backscatter Error (Retracker 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_202211161221211_202211161221246_E001       Backscatter Error (Retracker 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_202211161221457_202211161222149_E001       Backscatter Error (Retracker 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_202211161221457_202211161222149_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (R	CS_OFFL_SIR_SAR_220221116T211928_20221116T212010_E001	, , , , , , , , , , , , , , , , , , ,	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221116121315_20221116121355_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_20221116T221211_20221116T221246_E001       Backscatter Error (Retracker 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_20221116T221457_20221116T22149_E001       Backscatter Error (Retracker 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_20221116T223532_20221116T224256_E001       Backscatter Error (Retracker 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_20221116T224257_20221116T224256_E001       Backscatter Error (Retracker 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_20221116T224257_20221116T224346_E001       Backscatter Error (Retracker 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_20221116T225805_20221116T225805_20221116T225805_20221116T225805_E001       Backscatter Error (Retracker 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_20221116T231218_20221116T231339_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for o	CS_OFFL_SIR_SAR_220221116T213117_20221116T213401_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_2022111612211_202211161221249_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 f	CS_OFFL_SIR_SAR_220221116T213515_20221116T213557_E001	, , , , , , , , , , , , , , , , , , ,	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202211161221437_202211161222149_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_202211161224257_202211161224256_E001       Backscatter Error (Retracker 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_202211161224257_202211161224346_E001       Backscatter Error (Retracker 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_202211161225805_202211161225856_E001       Backscatter Error (Retracker 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_202211161225805_202211161225856_E001       Backscatter Error (Retracker 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_202211161231218_202211161231339_E001       Backscatter Error (Retracker 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_20221116123521_202211161235833_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_202211161235832_202211161235833_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 fo	CS_OFFL_SIR_SAR_220221116T221211_20221116T221246_E001	, , , , , , , , , , , , , , , , , , ,	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221116122332_202211161224256_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_202211161224257_202211161224346_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_202211161225805_202211161225856_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_202211161231218_202211161231339_E001       Backscatter Error (Retracker 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_202211161231218_202211161231339_E001       Backscatter Error (Retracker 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_202211161235321_202211161235332_E001       Backscatter Error (Retracker 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_202211161235321_202211161235833_E001       Backscatter Error (Retracker 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_202211161235907_202211161235833_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records </td <td>CS_OFFL_SIR_SAR_220221116T221457_20221116T222149_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_220221116T221457_20221116T222149_E001	, , , , , , , , , , , , , , , , , , ,	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202211161224257_202211161224346_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_202211161225805_202211161225856_E001       Backscatter Error (Retracker 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_202211161231218_202211161231339_E001       Backscatter Error (Retracker 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_202211161235321_202211161235833_E001       Backscatter Error (Retracker 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_202211161235321_202211161235833_E001       Backscatter Error (Retracker 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_202211161235907_20221117000033_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),       There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220221116T223532_20221116T224256_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202211161225805_202211161225856_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_20221116T231218_20221116T231339_E001       Backscatter Error (Retracker 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_20221116T235321_20221116T235833_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_20221116T235321_20221116T235833_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20221116T235907_20221117T000033_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),       There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220221116T224257_20221116T224346_E001	, , , , , , , , , , , , , , , , , , ,	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202211161231218_202211161231339_E001       Backscatter Error (Retracker 3)       Inere is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20221116T235321_20221116T235833_E001       Backscatter Error (Retracker 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_20221116T235907_20221116T235907_20221117T000033_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),       There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220221116T225805_20221116T225856_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221116T235321_20221116T235833_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220221116T231218_20221116T231339_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
US DEEL SIR SAR 2 202211161235907 202211171000033 E001	CS_OFFL_SIR_SAR_220221116T235321_20221116T235833_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_220221116T235907_20221117T000033_E001		There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SIN_220221115T235913_20221116T000203_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_220221116T003956_20221116T004332_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_220221116T005931_20221116T010132_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_220221116T012923_20221116T013037_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_220221116T013605_20221116T013611_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221116T013936_20221116T014056_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_220221116T021528_20221116T022026_E001	Backscatter Error (Retracker 2)	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_220221116T022805_20221116T022839_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_220221116T022954_20221116T023113_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_220221116T030915_20221116T031039_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_220221116T031845_20221116T031956_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_220221116T035602_20221116T035729_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_220221116T035824_20221116T035956_E001	Backscatter Error (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_220221116T041021_20221116T041039_E001	Backscatter Error (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_220221116T041200_20221116T041323_E001	Backscatter Error (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_220221116T041838_20221116T042024_E001	Backscatter Error (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_220221116T044850_20221116T045016_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_220221116T045533_20221116T045838_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_220221116T054709_20221116T054711_E001	Backscatter Error (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_220221116T062836_20221116T063142_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_220221116T063434_20221116T063816_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_220221116T063854_20221116T063918_E001	Backscatter Error (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_220221116T071925_20221116T071942_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_220221116T072543_20221116T072833_E001	Backscatter Error (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_220221116T072837_20221116T072913_E001	Backscatter Error (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_220221116T073002_20221116T073048_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_220221116T080913_20221116T081147_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_220221116T081342_20221116T081603_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221116T081834_20221116T082008_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_220221116T084923_20221116T085130_E001	Backscatter Error (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_220221116T090422_20221116T090541_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_220221116T090939_20221116T091102_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_220221116T094410_20221116T095028_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_220221116T095300_20221116T095323_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221116T095750_20221116T095930_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
CS_OFFL_SIR_SIN_220221116T103904_20221116T103942_E001	track Angle Error 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_220221116T104357_20221116T104606_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_220221116T104705_20221116T104934_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_220221116T110015_20221116T110137_E001	Backscatter Error (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_220221116T112637_20221116T112811_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_220221116T113706_20221116T113906_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_220221116T120341_20221116T120645_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_220221116T120741_20221116T120917_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_220221116T122311_20221116T122756_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_220221116T130614_20221116T130742_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_220221116T130922_20221116T131029_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221116T131455_20221116T131724_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_220221116T140344_20221116T141202_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_220221116T144553_20221116T144945_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_220221116T145534_20221116T145659_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_220221116T153411_20221116T153442_E001	Backscatter Error (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_220221116T153619_20221116T153716_E001	track Angle Error, Surface model	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_220221116T154505_20221116T154608_E001	Backscatter Error (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_220221116T154653_20221116T154745_E001	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_220221116T154748_20221116T154812_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_220221116T162538_20221116T162852_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_220221116T163407_20221116T163519_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_220221116T165235_20221116T165246_E001	Backscatter Error (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_220221116T171644_20221116T171646_E001	Backscatter Error (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_220221116T180302_20221116T180725_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_220221116T181310_20221116T181430_E001	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_220221116T185103_20221116T185155_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_220221116T185236_20221116T185647_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_220221116T194104_20221116T194225_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_220221116T195044_20221116T195232_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_220221116T202915_20221116T203042_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_220221116T203155_20221116T203302_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221116T203451_20221116T203552_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_220221116T204122_20221116T204212_E001	track Angle Error Surface model	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_220221116T204919_20221116T205042_E001	Backscatter Error (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_220221116T212011_20221116T212153_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_220221116T212851_20221116T213117_E001	$\mathbf{H}$	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_220221116T213402_20221116T213515_E001	track Angle Error Surface model	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_220221116T220913_20221116T221211_E001	track Angle Error Surface model	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_220221116T221246_20221116T221457_E001	track Angle Error Surface model	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_220221116T225856_20221116T230116_E001		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_220221116T230638_20221116T230644_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221116T230755_20221116T231218_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_220221116T234929_20221116T235321_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_220221116T235833_20221116T235907_E001	track Angle Error, Surface model	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