





# 1. Overview

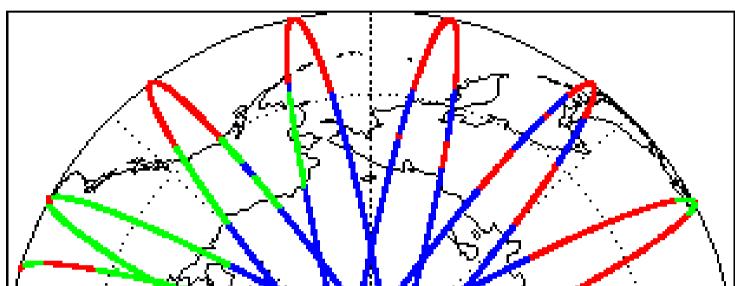
<b>Report Production Date:</b>	16-Jan-2023
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

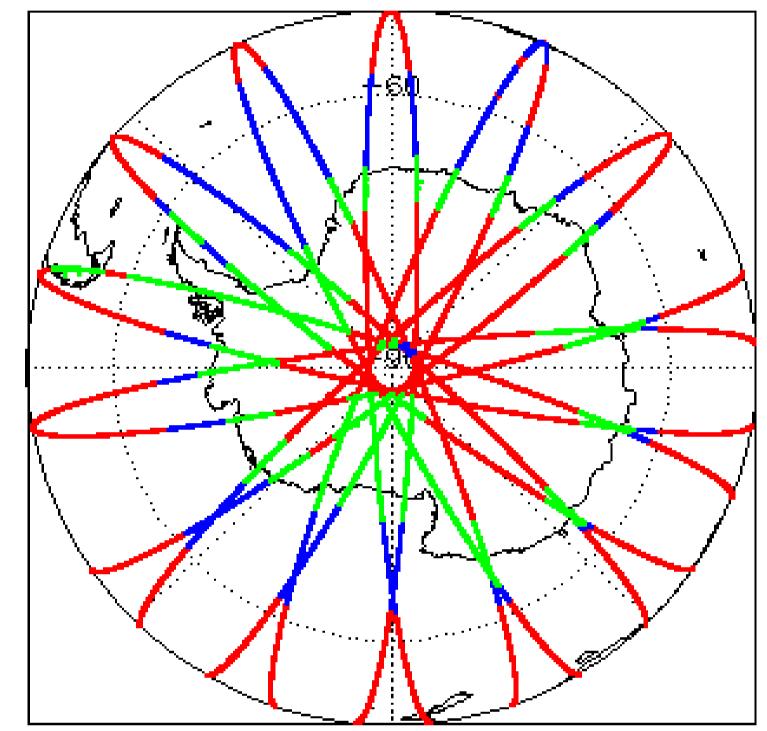
We would love to hear from you! Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2\_qc\_team@telespazio.com

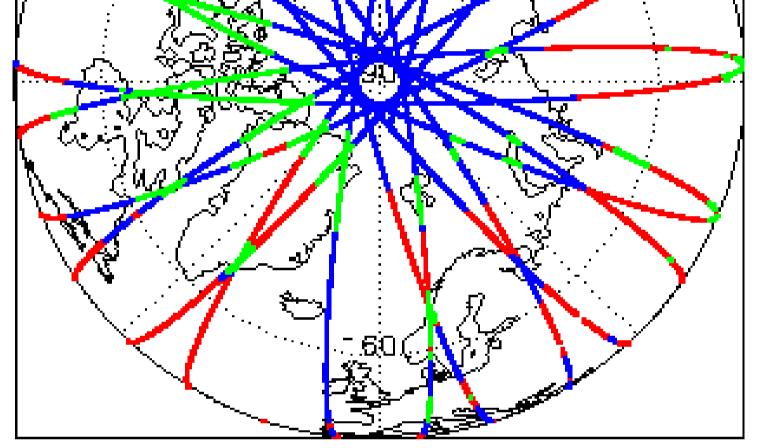
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check	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

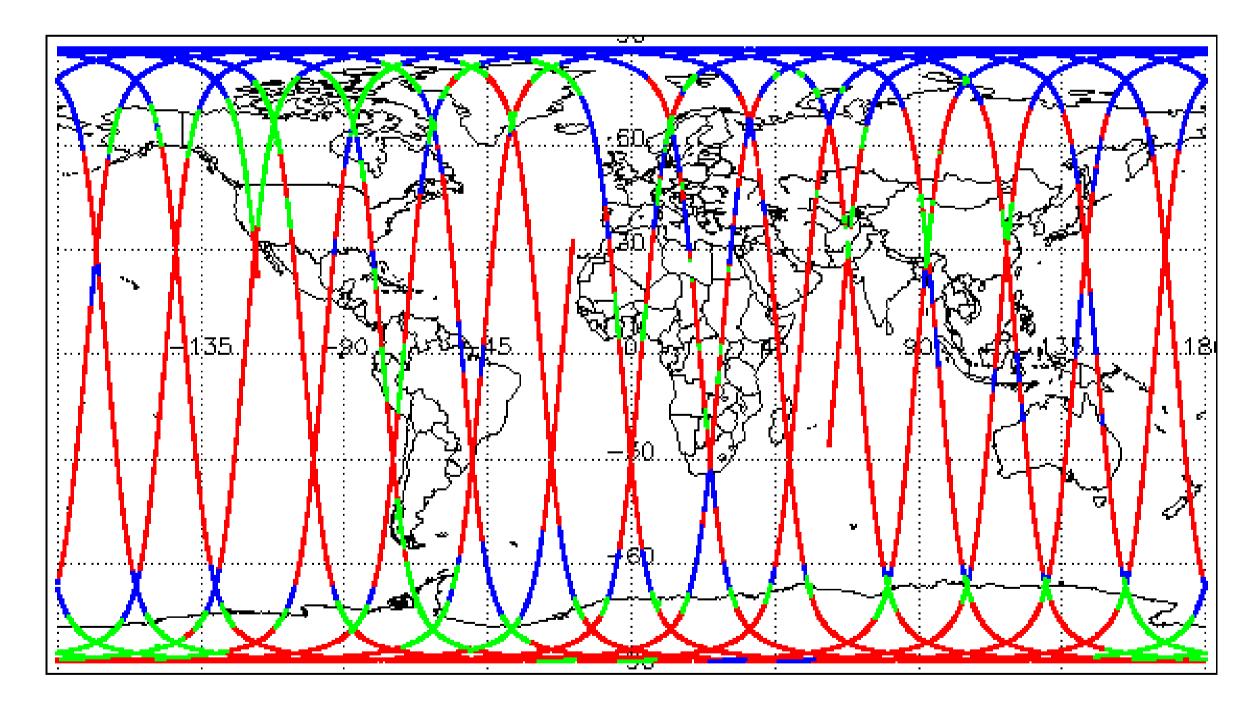
Mission / Instru	iment News
15-Dec-2022	None
16-Dec-2022	None
17-Dec-2022	Nothing planned

# 2. Global Coverage





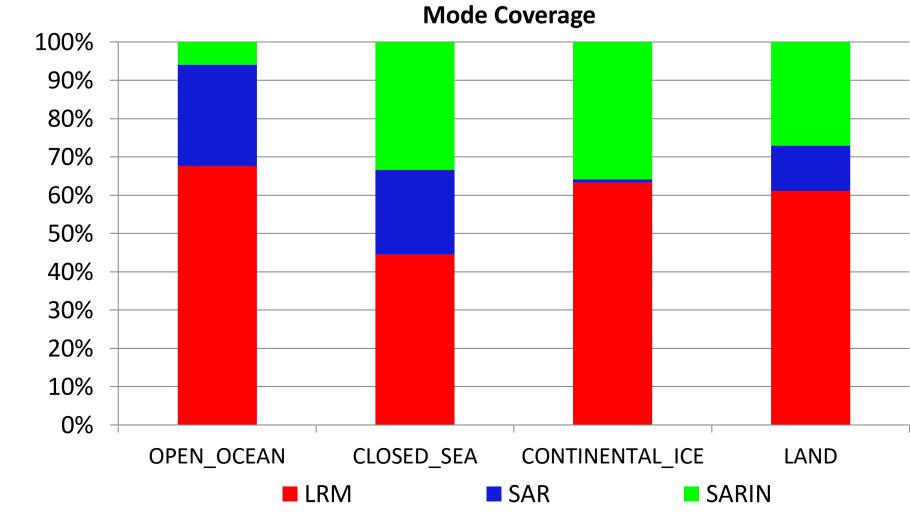


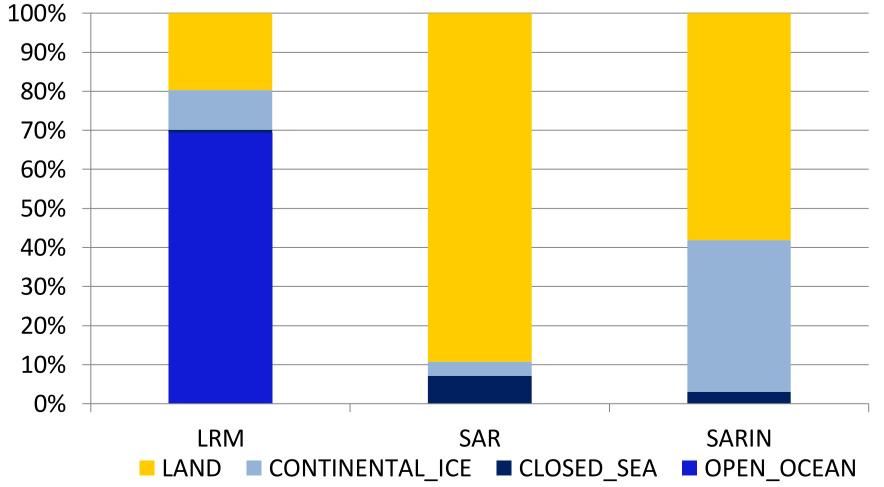




LRM	65.7
SAR	20.6
SARIn	13.8

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 Check	ζ		
Each product, retrieved and unpacked from th	e science server, is checked t	o 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 Analys	sis		
For all products, a series of pre-defined check	s are carried out on the MPH	and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.	
Number of products with errors:	0		
4.3 Star Tracker Usage Check			
Each product is checked in order to ensure a	valid star tracker file has been	used in processing.	
Number of products with errors:	0		
4.4 L1B Tracking Flags Check			
CryoSat L1B data includes a tracking flag for each measurement record. The bit value of this flag indicates any problems when set.			
Loss of Echo Flag: This flag is currently set for some products over land, but this is to be expected.			

Number of products with errors:

152

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20221215T233504_20221216T000248_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T000250_20221216T000311_E001	Loss of echo	The tracking echo is missing for one or more records

CS\_OFFL\_SIR\_LRM\_1B\_20221216T002428\_20221216T002450\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T002452\_20221216T002452\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T002456\_20221216T002957\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T003014\_20221216T005944\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T010730\_20221216T011058\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T020819\_20221216T020901\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T021049\_20221216T021159\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T021443\_20221216T021515\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T021522\_20221216T022117\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T022149\_20221216T022327\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T022414\_20221216T023124\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T024227\_20221216T024754\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T034428\_20221216T034453\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T034703\_20221216T034728\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T035114\_20221216T035452\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T035455\_20221216T035721\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T042150\_20221216T042652\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T043318\_20221216T050644\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T050845\_20221216T050858\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T050900\_20221216T050905\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T050909\_20221216T050918\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T050921\_20221216T050954\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T060405\_20221216T060558\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T061312\_20221216T062451\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T062529\_20221216T062807\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T062812\_20221216T062815\_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_20221216T062817_20221216T062831_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T062834_20221216T062836_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T062838_20221216T063018_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T063459_20221216T064348_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T064636_20221216T064646_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T064650_20221216T064659_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T064704_20221216T064706_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T064709_20221216T064713_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T064716_20221216T064737_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T064740_20221216T064824_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T064826_20221216T064908_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T064910_20221216T064913_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T064915_20221216T064917_E001	Loss of echo	The tracking echo is missing for one or more records

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CS\_OFFL\_SIR\_LRM\_1B\_20221216T100110\_20221216T100131\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T100136\_20221216T100154\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T100156\_20221216T100206\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T100209\_20221216T100214\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T100217\_20221216T100238\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T100240\_20221216T100243\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T100245\_20221216T100327\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T100330\_20221216T100812\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T102324\_20221216T102913\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T103012\_20221216T105638\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T110235\_20221216T110744\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T113802\_20221216T113832\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T113843\_20221216T114455\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T114455\_20221216T114524\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T114526\_20221216T114624\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T120722\_20221216T120726\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T120729\_20221216T120736\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T120738\_20221216T120804\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T120806\_20221216T123435\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T125020\_20221216T131728\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T131730\_20221216T131825\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T131912\_20221216T132141\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T132214\_20221216T132419\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T143718\_20221216T144046\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T144209\_20221216T144655\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T144713\_20221216T145213\_E001

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CS_OFFL_SIR_LRM_1B_20221216T145830_20221216T145938_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T145953_20221216T150019_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T150019_20221216T150104_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T150345_20221216T150400_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T152030_20221216T152911_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T153156_20221216T153942_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T153944_20221216T155354_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T163027_20221216T163501_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T163604_20221216T163736_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T165657_20221216T165717_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T183524_20221216T183633_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T183639_20221216T183726_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T184130_20221216T184952_E001	Loss of echo	The tracking echo is missing for one or more records

CS\_OFFL\_SIR\_LRM\_1B\_20221216T185434\_20221216T185510\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T185512\_20221216T185525\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T185527\_20221216T185541\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T185543\_20221216T191203\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T192920\_20221216T194252\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T194506\_20221216T194517\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T194640\_20221216T195837\_E001 CS OFFL SIR LRM 1B 20221216T201407 20221216T201803 E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T201806\_20221216T201810\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T201813\_20221216T201816\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T201820\_20221216T201851\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T201853\_20221216T201857\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T201859\_20221216T201902\_E001 CS OFFL SIR LRM 1B 20221216T201904 20221216T201909 E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T201912\_20221216T201929\_E001 CS OFFL SIR LRM 1B 20221216T201933 20221216T201938 E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T201942\_20221216T202052\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T202054\_20221216T202149\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T202433\_20221216T203454\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T211201\_20221216T211949\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T213128\_20221216T213715\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T215229\_20221216T215432\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T215434\_20221216T215442\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T215445\_20221216T215504\_E001 CS\_OFFL\_SIR\_LRM\_1B\_20221216T215506\_20221216T215535\_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_20221216T215537_20221216T215605_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221216T215607_20221216T215609_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.

0

0

0

Number of products with errors:

### 4.6 L1B Auxilary Data File Usage Check

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

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:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20221216T230929_20221216T231239_E001	IECNO error IRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

## 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:

122

roduct	Test Failed	Description
S_OFFL_SIR_LRM_220221216T092058_20221216T092915_E001	Slope model	There is an error with the Slope Model for one or more records
S_OFFL_SIR_SAR_220221216T005944_20221216T010102_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_220221216T011240_20221216T011542_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_220221216T015017_20221216T015019_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_220221216T015021_20221216T015035_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_220221216T020001_20221216T020127_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_220221216T020331_20221216T020523_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_220221216T020901_20221216T021048_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_220221216T021159_20221216T021443_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
G_OFFL_SIR_SAR_220221216T023124_20221216T023413_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_220221216T023536_20221216T023736_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_220221216T023754_20221216T024105_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_220221216T025109_20221216T025432_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_220221216T031807_20221216T031840_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_220221216T032801_20221216T033743_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_220221216T034020_20221216T034032_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
G_OFFL_SIR_SAR_220221216T034454_20221216T034456_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
G_OFFL_SIR_SAR_220221216T034511_20221216T034703_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_220221216T034916_20221216T035114_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_220221216T041652_20221216T042035_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_220221216T043011_20221216T043318_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_220221216T050644_20221216T050727_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_220221216T050729_20221216T050759_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_220221216T050801_20221216T050821_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_220221216T050823_20221216T050834_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_220221216T050836_20221216T050845_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_220221216T055429_20221216T060128_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_220221216T061224_20221216T061311_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_220221216T062451_20221216T062529_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_220221216T063018_20221216T063459_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_220221216T064351_20221216T064359_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_220221216T064407_20221216T064409_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_220221216T064410_20221216T064411_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_220221216T064419_20221216T064500_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_220221216T064502_20221216T064556_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_220221216T064559_20221216T064602_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_220221216T064606_20221216T064610_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_220221216T064612_20221216T064617_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_220221216T064620_20221216T064631_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_220221216T064632_20221216T064634_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_220221216T070159_20221216T070220_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_220221216T071908_20221216T072115_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

CS_OFFL_SIR_SAR_220221216T073547_20221216T073637_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_220221216T073811_20221216T073923_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_220221216T075148_20221216T075204_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_220221216T080425_20221216T080524_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221216T080724_20221216T080826_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_220221216T080832_20221216T080924_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221216T083842_20221216T084029_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_220221216T084209_20221216T084606_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_220221216T091730_20221216T091900_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_220221216T093103_20221216T093153_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_220221216T094757_20221216T095043_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_220221216T095254_20221216T095436_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_220221216T095445_20221216T095456_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_220221216T102020_20221216T102050_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221216T102053_20221216T102324_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_220221216T102913_20221216T103011_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_20221216T105638_20221216T105833_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_220221216T111026_20221216T111104_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_220221216T123435_20221216T123756_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221216T124933_20221216T125020_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_220221216T131825_20221216T131828_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_220221216T131830_20221216T131902_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_220221216T131904_20221216T131911_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_220221216T132419_20221216T132551_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_220221216T141405_20221216T141745_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_220221216T142753_20221216T143002_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_220221216T143427_20221216T143717_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_220221216T145451_20221216T145830_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221216T150104_20221216T150345_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_220221216T150825_20221216T151630_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_220221216T152004_20221216T152030_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_220221216T152912_20221216T153156_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_220221216T155354_20221216T155647_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221216T160114_20221216T160118_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_220221216T160650_20221216T161011_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_220221216T163501_20221216T163604_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_220221216T163737_20221216T164111_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_220221216T164111_20221216T164622_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_220221216T165718_20221216T165731_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_220221216T165733_20221216T165813_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_220221216T165814_20221216T165816_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221216T165819_20221216T165857_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_220221216T173227_20221216T173326_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_2_20221210T173227_20221210T173320_E001 CS_OFFL_SIR_SAR_2_20221216T174013_20221216T174019_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_20221216T174026_20221216T174033_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_220221216T174534_20221216T175113_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_220221216T182245_20221216T182254_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221216T183726_20221216T183739_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20221216T183741_20221216T183748_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_220221216T183749_20221216T183758_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_220221216T183800_20221216T183916_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_220221216T183951_20221216T184129_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_220221216T184952_20221216T185434_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_220221216T191203_20221216T191220_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_220221216T191912_20221216T191918_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_220221216T191925_20221216T191931_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_220221216T192326_20221216T192920_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_220221216T194252_20221216T194358_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_220221216T194401_20221216T194505_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_220221216T194517_20221216T194640_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_220221216T195837_20221216T200021_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_220221216T200051_20221216T200159_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_220221216T200256_20221216T200503_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_220221216T203455_20221216T203553_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_220221216T203555_20221216T203634_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_220221216T205044_20221216T205135_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_220221216T205824_20221216T205831_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_220221216T213007_20221216T213128_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_220221216T213837_20221216T214049_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_220221216T220629_20221216T220733_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_220221216T223001_20221216T223041_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_220221216T224301_20221216T224420_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_220221216T042652_20221216T043010_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221216T060128_20221216T060405_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221216T060558_20221216T061224_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221216T073924_20221216T074302_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221216T141746_20221216T142109_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221216T155647_20221216T160008_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221216T192123_20221216T192325_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221216T210004_20221216T210658_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
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## 5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

#### Number of products with errors: 247

Product	Test Failed	Description
	Height Error (Retracker 2) Height Error	

CS_OFFL_SIR_LRM_220221215T233504_20221216T000248_E001	(Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220221216T003014_20221216T005944_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_220221216T011542_20221216T014901_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_220221216T020127_20221216T020331_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_220221216T021049_20221216T021159_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_220221216T022414_20221216T023124_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_220221216T025432_20221216T031807_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

CUIL 10011002     AUXILLION CARE 2002 FOR AUX 2012 FOR AU	CS_OFFL_SIR_LRM_220221216T031840_20221216T032801_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Bit Proc Add Proc Data (Proc Data(Proc Data(Proc Data (Proc Data (Proc Data (Proc Data (Proc Data	CS_OFFL_SIR_LRM_220221216T034245_20221216T034300_E001		
Control Biol No. 2     Control Biol No. 2     Control Biol No. 2     Control Biol No. 2       Control Biol No. 2     Control Biol No. 2     Control Biol No. 2     Control Biol No. 2       Control Biol No. 2     Control Biol No. 2     Control Biol No. 2     Control Biol No. 2       Control Biol No. 2     Control Biol No. 2     Control Biol No. 2     Control Biol No. 2       Control Biol No. 2     Control Biol No. 2     Control Biol No. 2     Control Biol No. 2       Control Biol No. 2     Control Biol No. 2     Control Biol No. 2     Control Biol No. 2       Control Biol No. 2     Control Biol No. 2     Control Biol No. 2     Control Biol No. 2       Control Biol No. 2     Control Biol No. 2     Control Biol No. 2     Control Biol No. 2       Control Biol No. 2     Control Biol No. 2     Control Biol No. 2     Control Biol No. 2       Control Biol No. 2     Control Biol No. 2     Control Biol No. 2     Control Biol No. 2       Control Biol No. 2     Control Biol No. 2     Control Biol No. 2     Control Biol No. 2       Control Biol No. 2     Control Biol No. 2     Control Biol No. 2     Control Biol No. 2       Control Biol No. 2     Control Biol No. 2     Control Biol No. 2     Control Biol No. 2       Control Biol No. 2     Control Biol No. 2     Control Biol No. 2     Control Biol No. 2       Control Biol No. 2	CS_OFFL_SIR_LRM_220221216T034428_20221216T034453_E001		
66 OT: 98 1243 - 2022 0100218 2022 010024 2031       Redence 3 are equate from provide on the control of an organization of an organizatio an organization of an organization of an or	CS_OFFL_SIR_LRM_220221216T040001_20221216T041652_E001		
Construction     Construction     Construction     Construction     Construction       Construction     Construction     Construction     Construction     Construction <td< td=""><td>CS_OFFL_SIR_LRM_220221216T043318_20221216T050644_E001</td><td>(Retracker 3), Backscatter Error</td><td></td></td<>	CS_OFFL_SIR_LRM_220221216T043318_20221216T050644_E001	(Retracker 3), Backscatter Error	
Colored Biolity 2: Additional 2: A data consistence and the constraints of the constr	CS_OFFL_SIR_LRM_220221216T053133_20221216T055429_E001		
CSU 57 - SRUE ALL       SC 57 - SRUE ALL <t< td=""><td>CS_OFFL_SIR_LRM_220221216T061312_20221216T062451_E001</td><td>-</td><td></td></t<>	CS_OFFL_SIR_LRM_220221216T061312_20221216T062451_E001	-	
Control         Enclose           Control         Find year code 2         Find year code 2           Control         Find year code 2         Find year code 2         Find year code 2           Control         Find year code 2         Find year code 2         Find year code 2           Control         Find year code 2         Find year code 2         Find year code 2           Control         Find year code 2         Find year code 2         Find year code 2           Control         Find year code 2         Find year code 2         Find year code 2           Control         Find year code 2         Find year code 2         Find year code 2           Control         Find year code 2         Find year code 2         Find year code 2           Control         Find year code 2         Find year code 2         Find year code 2         Find year code 2           Control         Find year code 2         Find year code 2         Find year code 2         Find year code 2           Control         Find year code 2	CS_OFFL_SIR_LRM_220221216T062529_20221216T062807_E001		
GB: OPEL SR: LIND 2. J22212/ST003008_2027/211002001 -007     Periodaer32     Periodaer32     Periodaer32     Periodaer32       GB: OPEL SR: LIND 2. J22212/ST002001 J007/211007001 -007     Periodaer32     Periodaer32     Periodaer32       GB: OPEL SR: LIND 2. J22212/ST002001 J007/211007001 -007     Periodaer32     Periodaer32     Periodaer32       GB: OPEL SR: LIND 2. J22212/ST002001 J007/211007001 -007     Periodaer32     Periodaer32     Periodaer32       GB: OPEL SR: LIND 2. J22212/ST002001 J007/211007001 -007     Periodaer32     Periodaer32     Periodaer32       GB: OPEL SR: LIND 2. J22212/ST002001 J007/211007001 -007     Periodaer32     Periodaer32     Periodaer32       GB: OPEL SR: LIND 2. J22212/ST002001 J007/211007001 -007     Periodaer32     Periodaer32     Periodaer32       GB: OPEL SR: LIND 2. J22212/ST002001 J007/211007001 -007     Periodaer32     Periodaer32     Periodaer32       GB: OPEL SR: LIND 2. J22212/ST002001 J007/211007001 -007     Periodaer32     Periodaer32     Periodaer32       GB: OPEL SR: LIND 2. J22212/ST002001 J007/211007001 -007     Periodaer32     Periodaer32     Periodaer32       GB: OPEL SR: LIND 2. J22212/ST002001 J007/211007001 -007     Periodaer32     Periodaer32     Periodaer32       GB: OPEL SR: LIND 2. J22212/ST002001 J007/211007001 -007     Periodaer32     Periodaer32     Periodaer32       GB: OPEL SR: LIND 2. J22212/ST002001 J007/21100707 J007/211007001 P07     P	CS_OFFL_SIR_LRM_220221216T062838_20221216T063018_E001		
CL_OPTL_BRI_LBAL2022 216T0732D_2022 12 6070 997_3001     Built Env. (Factorada ), Decourd in and (CHE MARK 2, Decourd in a hopf and substants in an of Resolute 2 for una una substant and (CHE MARK 2, Decourd in a hopf and substant in an of Resolute 2 for una unasable and (CHE MARK 2, Decourd in a hopf and substant in an of Resolute 2 for una unasable and (CHE MARK 2, Decourd in a hopf and substant in a for Resolute 2 for una unasable and (CHE MARK 2, Decourd in a hopf and substant in a for Resolute 2 for una unasable and (CHE MARK 2, Decourd in a hopf and substant in a for Resolute 2 for una unasable and (CHE MARK 2, Decourd in a hopf and substant in a for Resolute 2 for una unasable and (CHE MARK 2, Decourd in a hopf and substant in a for Resolute 2 for una unasable and (CHE MARK 2, Decourd in a hopf and substant in a for Resolute 2 for una unasable and (CHE MARK 2, Decourd in a hopf and substant in a for Resolute 2 for una unasable and (CHE MARK 2, Decourd in a hopf and substant in a for Resolute 2 for una unasable and (CHE MARK 2, Decourd in a hopf and substant in a for Resolute 2 for una unasable and (CHE MARK 2, Decourd in a hopf and substant in a for Resolute 2 and a hopf and substant in a for una unasable and the hopf and substant in a for una unasable and substant in a for Resolute 2 and a hopf and substant in a for una unasable and the hopf and substant in a for una unasable and the hopf and substant in a for una unasable and the hopf and substant in a for una unasable and the hopf and substant in a for unasable and the hopf and substant in a for una unasable and substant in a for una unasable and substant in a for unasable and the hopf and substant in a for unasable and the hopf and substant in a for unasable and substant in a for unasable and the hopf and substant in a for unasable and substant in a for unasable and substant in a for unasable	CS_OFFL_SIR_LRM_220221216T063459_20221216T064348_E001	(Retracker 3), Backscatter Error	
C6:0 CFL SR L88.2 # 2022121102211.00221210100445 E011       Immediate Status and the control of a control of the con	CS_OFFL_SIR_LRM_220221216T070220_20221216T071907_E001		
Circle Structure         Environ (Restance 2)         encode           Circle Structure         Structure         The set as a structure of backaceter error for Restance 2 and a height error for Restance 3           Circle Structure         Structure         Structure         The set as a structure of backaceter error for Restance 2 and a height error for Restance 3           Circle Structure         Structure         Structure         The set as a structure of backaceter error for Restance 2 and a height error for Restance 3           Circle Structure         Structure         The set as a structure of backaceter error for Restance 2 and a height error for Restance 3           Circle Structure         Structure         Structure         The set as a structure of backaceter error for Restance 2 and a height error for Restance 3           Circle Structure         Structure         Structure         The set as a structure of backaceter error for Restance 2 for or or none errors           Circle Structure         Structure         Structure         The set as a structure of backaceter error for Restance 2 for or or none errors           Circle Structure         Structure         Structure         The set as a structure of backaceter error for Restance 2 for or or none errors           Circle Structure         Structure         Structure         Structure         Structure           Circle Structure         Structure         Structure         Structure	CS_OFFL_SIR_LRM_220221216T072115_20221216T073546_E001	Error (Retracker 2), Surface model	•
GG OFFL SIR LEM 2 00221216T000524 20221216T000524 2021216T00052 20221216T00052 20221216T0050 20221216T0050 20221216T0050 20221216T0050 20221	CS_OFFL_SIR_LRM_220221216T075204_20221216T080425_E001		
CB_OFFL_SIR_LENT_2_2022/216705025_2022/216705055_E001       Height Error (Retractor 2), regimer and the backback error for Retractor 2 and a height error (Retractor 2), additional for the backback error for Retractor 2 and a height error (Retractor 2), additional for the backback error for Retractor 2 and a height error (Retractor 2), additional for the backback error for Retractor 2 and a height error (Retractor 2), additional for the backback error for Retractor 2 and a height error (Retractor 2), Backback error for Retractor 2 and a height error (Retractor 2), Backback error for Retractor 2 and a height error (Retractor 2), Backback error for Retractor 2 and a height error (Retractor 2), Backback error for Retractor 2 for one or more ecould.         CB_OFFL_SIR_LENT_2_20221216T050504_20221216T050504_E001       Height Error (Retractor 2), Backback error for Retractor 2 for one or more ecould.         CB_OFFL_SIR_LENT_2_20221216T050504_20221216T1050264_E001       Height Error (Retractor 2), Backback error for Retractor 2 for one or more ecould.         CB_OFFL_SIR_LENT_2_20221216T1050264_E001       Backback Model Unavailable       No DEM or Slope Model was used for the boalton of one or more records.         CB_OFFL_SIR_LENT_2_20221216T1050264_E001       Backback Model Unavailable       No DEM or Slope Model was used for the boalton of one or more records.         CB_OFFL_SIR_LENT_2_20221216T1050264_E001       Backback Model Unavailable       No DEM or Slope Model was used for the boalton of one or more records.         CB_OFFL_SIR_LENT_2_20221216T105026_E001       Backback Model Unavailable       No DEM or Slope Model was used for the boalton of one or more records.         CB_OFFL_SIR_LENT_2_20221216T1	CS_OFFL_SIR_LRM_220221216T080524_20221216T080724_E001	(Retracker 3), Backscatter Error	
CS_OFFL_SR_LRM_2_2021216T064608_2021216T062855_E001       Heigh Error (Retracker 2), Holdsharter Error       Hone a subject and baskaster error for Retracker 2 for one or more records.         CS_OFFL_SR_LRM_2_2021216T062033_20221216T062033_20221216T062033_20221216T062033_20221216T062033_20221216T062033_20221216T062033_20221216T062033_20221216T062033_20221216T062033_20221216T062033_20221216T062033_20221216T062033_20221216T062033_20221216T062033_20221216T062033_20221216T062042_20321216T062042_203205201       Heigh Error (Retracker 2)       There is a height and basksaster error for Retracker 2 for one or more records.         CS_OFFL_SR_LRM_2_20221216T062047_20221216T06204_20221216T06204_20201216T06204_20320520_E001       Surface Model Unavailable       No DEM or Sloce Model was used for the location of one or more records.         CS_OFFL_SR_LRM_2_20221216T106245_20221216T106245_E001       Surface Model Unavailable       No DEM or Sloce Model was used for the location of one or more records.         CS_OFFL_SR_LRM_2_20221216T106245_20221216T106245_E001       Surface Model Unavailable       No DEM or Sloce Model was used for the location of one or more records.         CS_OFFL_SR_LRM_2_20221216T1106245_20212126T106245_E001       Bergilt Error (Retracker 2), Backsatter Error The Retracker 2 for one or more records.       No DEM or Sloce Model was used for the location of one or more records.         CS_OFFL_SR_LRM_2_20221216T11104_20221216T106245_E001       Bergilt Error (Retracker 2), Backsatter Error The Retracker 2 for one or more records.       No DEM or Sloce Model was used for the location of one or more records.         CS_OFFL_SR_LRM_2_20221216T11104_20221216T102045_E001 </td <td>CS_OFFL_SIR_LRM_220221216T080925_20221216T081846_E001</td> <td>(Retracker 3), Backscatter Error</td> <td></td>	CS_OFFL_SIR_LRM_220221216T080925_20221216T081846_E001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20021216T08035_20021216T08035_20021216T08035_20021216T08254 E001       End (Retrocker 2)       Backstocker       Fine one is a height and backstocker error for Retrocker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T08035_20021216T088254 E001       End (Retrocker 2)       Backstocker       Fine one is a height and backstocker error for Retrocker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T080357_20221216T1080256 E001       Surface Model Unavailable       No DEM or Stope Model was used for the location of one or more records         CS_OFFL_SIR_LRM_2_20221216T100217_20221216T100236_20221216T100237_E001       Surface Model Unavailable       No DEM or Stope Model was used for the location of one or more records         CS_OFFL_SIR_LRM_2_20221216T100217_20221216T100237_E001       Surface Model Unavailable       No DEM or Stope Model was used for the location of one or more records         CS_OFFL_SIR_LRM_2_20221216T100217_20221216T100237_E001       Height Enror (Retracker 2). Height Enror (Retracker 2). Height Enror (Retracker 2). There is a height and backscatter error for Retracker 2 and a height enror (Retracker 2). There is a height and backscatter error for Retracker 2 and a height enror (Retracker 2). Backscatter error for Retracker 2 and a height enror (Retracker 2). Backscatter error for Retracker 2 and a height enror (Retracker 2). Backscatter error for Retracker 2 and a height enror (Retracker 2). Backscatter error for Retracker 2 and a height enror (Retracker 2). Backscatter error for Retracker 2 and a height enror (Retracker 2). Backscatter error for Retracker 2 and a height enror (Retracker 2). Backscatter error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220221216T084606_20221216T085635_E001	(Retracker 3), Backscatter Error	
CS_OFFE_SIR_LRM_2_20221216103015_002/1216103015_002/1216103015_002       Enor (Retracker 2)       records         CS_OFFE_SIR_LRM_2_20221216103015_002/1210100005_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFE_SIR_LRM_2_202212161100217_202212161100005_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFE_SIR_LRM_2_202212161100217_202212161100005       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFE_SIR_LRM_2_202212161100017_2012212161100007       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFE_SIR_LRM_2_202212161100012_202212161100000       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFE_SIR_LRM_2_202212161100012_202212161100000       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFE_SIR_LRM_2_202212161120702_2022121611100000       Enor (Retracker 2)       There is a height and backscatter error for Retracker 2 and a height error (Retracker 2)         CS_OFFE_SIR_LRM_2_202212161120700       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFE_SIR_LRM_2_202212161120700       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records <td>CS_OFFL_SIR_LRM_220221216T090333_20221216T091730_E001</td> <td></td> <td></td>	CS_OFFL_SIR_LRM_220221216T090333_20221216T091730_E001		
CS_OFF_SIR_LRM_2_20221216T100354_E001       Error (Retracker 2)       records         CS_OFF_SIR_LRM_2_20221216T100217_20221216T100236_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFF_SIR_LRM_2_20221216T100245_20221216T100237_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFF_SIR_LRM_2_20221216T100245_20221216T100237_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFF_SIR_LRM_2_20221216T100312_20221216T10537_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFF_SIR_LRM_2_20221216T1103012_20221216T113549_E001       Height Error (Retracker 2)       There is a height and backscatter error for Retracker 2 and a height error (Retracker 2)         CS_OFF_SIR_LRM_2_20221216T1120722_20221216T1120726_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFF_SIR_LRM_2_20221216T120728_20221216T1120728_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFF_SIR_LRM_2_20221216T120728_20221216T1120728_E001       Euror (Retracker 2)       No DEM or Slope Model was used for the location of one or more records         CS_OFF_SIR_LRM_2_20221216T120728_20221216T112728_E001       Height Error (Retracker 2)       No DEM or Slope Model was used for th	CS_OFFL_SIR_LRM_220221216T093153_20221216T094757_E001		
CS_OFFL_SIR_LRM_2_20221216T100247_20221216T100228_E001         Surface Model Unavailable         No DEM or Slope Model was used for the location of one or more records           CS_OFFL_SIR_LRM_2_20221216T100245_20221216T100237_E001         Surface Model Unavailable         No DEM or Slope Model was used for the location of one or more records           CS_OFFL_SIR_LRM_2_20221216T100245_20221216T100327_E001         Surface Model Unavailable         No DEM or Slope Model was used for the location of one or more records           CS_OFFL_SIR_LRM_2_20221216T110045_20221216T113649_E001         Height Error (Retracker 2), Backscatter Error Retracker 2) and a height error for Retracker 2 or one or more records           CS_OFFL_SIR_LRM_2_20221216T1120726_2021216T1120726_E001         Surface Model Unavailable         No DEM or Slope Model was used for the location of one or more records           CS_OFFL_SIR_LRM_2_20221216T120738_20221216T120726_E001         Surface Model Unavailable         No DEM or Slope Model was used for the location of one or more records           CS_OFFL_SIR_LRM_2_20221216T120738_20221216T120804_E001         Surface Model Unavailable         No DEM or Slope Model was used for the location of one or more records           CS_OFFL_SIR_LRM_2_20221216T120738_20221216T120804_E001         Error (Retracker 2), Backscatter         There is a height and backscatter error for Retracker 2 for one or more records           CS_OFFL_SIR_LRM_2_20221216T120200_20221216T13728_E001         Height Error (Retracker 2), Backscatter         There is a height and backscatter error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220221216T095043_20221216T095254_E001		
LuckLuckLuckLuckCS_OFFL_SIR_LRM_2_20221216T10032F_20221216T100327_E001Surface Model UnavailableNo DEM or Stope Model was used for the location of one or more recordsCS_OFFL_SIR_LRM_2_20221216T103012_20221216T100589_E001Height Error (Retracker 2), Height Error (Retracker 2)There is a height and backscatter error for Retracker 2 and a height errorCS_OFFL_SIR_LRM_2_20221216T11104_20221216T113049_E001Height Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 or one or more recordsCS_OFFL_SIR_LRM_2_20221216T120722_20221216T120726_E001Surface Model UnavailableNo DEM or Stope Model was used for the location of one or more recordsCS_OFFL_SIR_LRM_2_20221216T120738_20221216T120806_20221216T120806_E00221216T123435_E001Height Error (Retracker 2), BackscatterNo DEM or Stope Model was used for the location of one or more recordsCS_OFFL_SIR_LRM_2_20221216T132020_20221216T132735_E001Height Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or moreCS_OFFL_SIR_LRM_2_20221216T132561_20221216T132755_E001Height Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or moreCS_OFFL_SIR_LRM_2_20221216T150450_20221216T150925_E001Height Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or moreCS_OFFL_SIR_LRM_2_20221216T150450_20221216T150925_E001Height Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or moreCS_OFFL_SIR_LRM_2_20221216T150450_20221216T150945_E001Height Error (Retracker 2), BackscatterThere is a height and backscatte	CS_OFFL_SIR_LRM_220221216T095947_20221216T100026_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Construction         Height Error (Retracker 2), Height Error         There is a height and backscatter error for Retracker 2 and a height error (Retracker 2), Backscatter Error           CS_OFFL_SIR_LRM_2_20221216T111104_20221216T113649_E001         Height Error (Retracker 2). Backscatter Error         There is a height and backscatter error for Retracker 2 for one or more ercords           CS_OFFL_SIR_LRM_2_20221216T120722_20221216T110726_E001         Surface Model Unavailable         No DEM or Slope Model was used for the location of one or more records           CS_OFFL_SIR_LRM_2_20221216T120738_20221216T120738_E001         Surface Model Unavailable         No DEM or Slope Model was used for the location of one or more records           CS_OFFL_SIR_LRM_2_20221216T120738_20221216T120306_20221216T123438_E001         Height Error (Retracker 2), Backscatter         There is a height and backscatter error for Retracker 2 for one or more records           CS_OFFL_SIR_LRM_2_20221216T120306_20221216T131728_E001         Height Error (Retracker 2), Backscatter         There is a height and backscatter error for Retracker 2 for one or more records           CS_OFFL_SIR_LRM_2_20221216T132561_00221216T131728_E001         Height Error (Retracker 2), Backscatter         There is a height and backscatter error for Retracker 2 for one or more records           CS_OFFL_SIR_LRM_2_20221216T132561_00221216T132561_0021         Height Error (Retracker 2), Backscatter         There is a height and backscatter error for Retracker 2 for one or more records           CS_OFFL_SIR_LRM_2_20221216T150300_02221216T15130452_E001         Height Error (Retracker 2)	CS_OFFL_SIR_LRM_220221216T100217_20221216T100238_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20221216T103012_20221216T105638_E001       (Retracker 2)       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T11104_20221216T113549_E001       Height Error (Retracker 2)       Backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T120722_20221216T120726_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFL_SIR_LRM_2_20221216T120738_20221216T120804_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFL_SIR_LRM_2_20221216T120806_20221216T120804_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFL_SIR_LRM_2_20221216T120806_20221216T123435_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T132060_20221216T131728_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T132051_20221216T132755_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T134106_20221216T150825_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220221216T100245_20221216T100327_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_202212161111044_202212161110726_E001       Error (Retracker 2)       records         CS_OFFL_SIR_LRM_2_202212161120726_200212161120726_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFL_SIR_LRM_2_202212161120738_202212161120738_202212161120804_E001       Surface Model Unavailable       No DEM or Slope Model was used for the location of one or more records         CS_OFFL_SIR_LRM_2_202212161120806_202212161132355_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_202212161132551_202212161131728_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_202212161132551_202212161131728_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_202212161132551_202212161132755_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_202212161150450_2022212161150450_202212161150450_20_2022121611	CS_OFFL_SIR_LRM_220221216T103012_20221216T105638_E001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20221216T120738_20221216T120804_E001Surface Model UnavailableNo DEM or Slope Model was used for the location of one or more recordsGS_OFFL_SIR_LRM_2_20221216T120806_20221216T123435_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or more recordsCS_OFFL_SIR_LRM_2_20221216T12500_20221216T13728_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or more recordsCS_OFFL_SIR_LRM_2_20221216T132551_20221216T13755_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or more recordsCS_OFFL_SIR_LRM_2_20221216T134106_20221216T141404_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or more ecordsCS_OFFL_SIR_LRM_2_20221216T150450_20221216T150825_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or more ecordsCS_OFFL_SIR_LRM_2_20221216T15030_20221216T150825_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 in one or more ecordsCS_OFFL_SIR_LRM_2_20221216T15030_20221216T150942_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), Stackscatter Error (Retracker 2), Stackscatter Error (Retracker 2), Stackscatter Error (Retracker 2), Stacksc	CS_OFFL_SIR_LRM_220221216T11104_20221216T113549_E001		
CS_OFFL_SIR_LRM_2_20221216T120806_20221216T123435_E001       Height Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T125020_20221216T131728_E001       Height Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T132551_20221216T131728_E001       Height Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T132551_20221216T132755_E001       Height Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T134106_20221216T141404_E001       Height Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T150450_20221216T150825_E001       Height Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T150450_20221216T150825_E001       Height Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T150450_20221216T150825_E001       Height Error (Retracker 2), Backscatter Error for Retracker 2 or one or more records         CS_OFFL_SIR_LRM_2_20221216T152030_20221216T152911_E001       Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Surface model unavailable       There is a height and backscatter error for Retracker 2 , a height error for Retracker 2 , a height error for Retracker 2 , a height error for (Retracker 2), Surface model unavailable         CS_OFFL_SIR_LRM_2_20221216T153156_20221216T153942_E001 <td< td=""><td>CS_OFFL_SIR_LRM_220221216T120722_20221216T120726_E001</td><td>Surface Model Unavailable</td><td>No DEM or Slope Model was used for the location of one or more records</td></td<>	CS_OFFL_SIR_LRM_220221216T120722_20221216T120726_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20221216T120806_20221216T131728_E001Height Error (Retracker 2)recordsCS_OFFL_SIR_LRM_2_20221216T132551_20221216T131728_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or more recordsCS_OFFL_SIR_LRM_2_20221216T132551_20221216T132755_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or more recordsCS_OFFL_SIR_LRM_2_20221216T134106_20221216T141404_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), BackscatterThere is a height and backscatter error for Retracker 2 for one or more recordsCS_OFFL_SIR_LRM_2_20221216T150450_20221216T150825_E001Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailableThere 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 recordsCS_OFFL_SIR_LRM_2_20221216T153156_20221216T153942_E001Height Error (Retracker 2), Backscatter Error (Retracker 2)There is a height and backscatter error for Retracker 2 for one or more recordsCS_OFFL_SIR_LRM_2_20221216T153166_20221216T153942_E001Height Error (Retracker 2), Backscatter Error (Retracker 2)There is a height and backscatter error for Retracker 2 for one or more records <td>CS_OFFL_SIR_LRM_220221216T120738_20221216T120804_E001</td> <td>Surface Model Unavailable</td> <td>No DEM or Slope Model was used for the location of one or more records</td>	CS_OFFL_SIR_LRM_220221216T120738_20221216T120804_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20221216112502_202212161131728_E001       Error (Retracker 2)       records         CS_OFFL_SIR_LRM_2_202212161132551_202212161132755_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_202212161134106_202212161141404_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_202212161150450_202212161150825_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_202212161150450_202212161150825_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_202212161152030_202212161152911_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 2 for one or more records         CS_OFFL_SIR_LRM_2_202212161153156_202212161153942_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_202212161153944_20221216115554_E001	CS_OFFL_SIR_LRM_220221216T120806_20221216T123435_E001		
CS_OFFL_SIR_LRM_2_20221216T13255_20021216T132755_E001       Error (Retracker 2)       records         CS_OFFL_SIR_LRM_2_20221216T134106_20221216T141404_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2)       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T150450_20221216T150825_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T152030_20221216T152031_E001       Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable       There is a height and backscatter error for Retracker 2, a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records         CS_OFFL_SIR_LRM_2_20221216T153156_20221216T153942_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T153944_20221216T155354_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220221216T125020_20221216T131728_E001	<b>G</b>	
CS_OFFL_SIR_LRM_2_20221216T134106_20221216T141404_E001       Error (Retracker 2)       records         CS_OFFL_SIR_LRM_2_20221216T150450_20221216T150825_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T152030_20221216T152911_E001       Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Surface model unavailable       There is a height and backscatter error for Retracker 2 , a height error for Retracker 2 , a height error for Retracker 2 , surface model unavailable         CS_OFFL_SIR_LRM_2_20221216T153156_20221216T153942_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T153944_20221216T155354_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T153944_20221216T155354_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records	CS_OFFL_SIR_LRM_220221216T132551_20221216T132755_E001		
CS_OFFL_SIR_LRM_2_20221216T150430_20221216T15040_20221216T150430_20221216T150430_20221216T150430_20221216T150430_20221216T150430_20221216T150430_20221216T150430_20221216T15040_20221216T15040_200_200_200_200_200_200_200_200_200_	CS_OFFL_SIR_LRM_220221216T134106_20221216T141404_E001		
CS_OFFL_SIR_LRM_2_20221216T152030_20221216T152911_E001       (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable       Retracker 3 and no DEM or Slope Model was used for the location of one or more records         CS_OFFL_SIR_LRM_2_20221216T153156_20221216T153942_E001       Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more records         CS_OFFL_SIR_LRM_2_20221216T153944_20221216T155354_E001       Height Error (Retracker 2), Backscatter       There is a height and backscatter error for Retracker 2 for one or more	CS_OFFL_SIR_LRM_220221216T150450_20221216T150825_E001		
CS_OFFL_SIR_LRM_2_20221216T153156_20221216T153942_E001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20221216T153944_20221216T155354_E001 Height Error (Retracker 2), Backscatter is a height and backscatter error for Retracker 2 for one or more	CS_OFFL_SIR_LRM_220221216T152030_20221216T152911_E001	(Retracker 3), Backscatter Error	Retracker 3 and no DEM or Slope Model was used for the location of one
	CS_OFFL_SIR_LRM_220221216T153156_20221216T153942_E001		
	CS_OFFL_SIR_LRM_220221216T153944_20221216T155354_E001		

CS_OFFL_SIR_LRM_220221216T161012_20221216T162701_E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220221216T163027_20221216T163501_E001	Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	records There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220221216T163604_20221216T163736_E001	Height Error (Retracker 2), Height Error (Retracker 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_220221216T165857_20221216T173227_E001	(Retracker 2) 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_220221216T175113_20221216T182245_E001	Height Error (Retracker 2), Height Error (Retracker 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_220221216T184130_20221216T184952_E001	(Retracker 2) 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_220221216T185434_20221216T185510_E001	Height Error (Retracker 2), Height Error (Retracker 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_220221216T185543_20221216T191203_E001	(Retracker 2) Height Error (Retracker 2), Height Error (Retracker 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_220221216T192920_20221216T194252_E001	(Retracker 2) 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_220221216T194640_20221216T195837_E001	Height Error (Retracker 2), Height Error (Retracker 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_220221216T200021_20221216T200051_E001	(Retracker 2) 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_220221216T202433_20221216T203454_E001	Height Error (Retracker 2), Height Error (Retracker 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_220221216T203634_20221216T205044_E001	(Retracker 2) 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_220221216T211201_20221216T211949_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_220221216T212356_20221216T212845_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_220221216T213128_20221216T213715_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_220221216T220103_20221216T220154_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221216T220734_20221216T223001_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_220221216T224421_20221216T230927_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_220221216T230929_20221216T231239_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221216T234427_20221217T000917_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_220221216T001320_20221216T002136_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T002200_20221216T002235_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T002236_20221216T002428_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T005944_20221216T010102_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T011240_20221216T011542_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T015214_20221216T015947_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T020001_20221216T020127_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T020331_20221216T020523_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T020901_20221216T021048_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T021159_20221216T021443_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T023124_20221216T023413_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T023536_20221216T023736_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T023754_20221216T024105_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220221216T025109_20221216T025432_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T031807_20221216T031840_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T032801_20221216T033743_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T033743_20221216T033907_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T034020_20221216T034032_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T034454_20221216T034456_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T034511_20221216T034703_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T034916_20221216T035114_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T041652_20221216T042035_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T043011_20221216T043318_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T050644_20221216T050727_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T050729_20221216T050759_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T050955_20221216T051643_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T055429_20221216T060128_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T061224_20221216T061311_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T062451_20221216T062529_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T063018_20221216T063459_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T064502_20221216T064556_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T064930_20221216T065450_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T065451_20221216T065642_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T070159_20221216T070220_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T071908_20221216T072115_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T073547_20221216T073637_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T073811_20221216T073923_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T075148_20221216T075204_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T080425_20221216T080524_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T080724_20221216T080826_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T080832_20221216T080924_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T082919_20221216T083107_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T083125_20221216T083335_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T083335_20221216T083556_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T083842_20221216T084029_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T084209_20221216T084606_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T091730_20221216T091900_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_2_20221216T094757_20221216T095043_E001 [Backscatter Error (Retracker 3)] There is a backscatter error for	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T095254_20221216T095436_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T100812_20221216T100929_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T100929_20221216T101510_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T102020_20221216T102050_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T102053_20221216T102324_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T102913_20221216T103011_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T105638_20221216T105833_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T111026_20221216T111104_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T114624_20221216T114824_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T114856_20221216T115005_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T115026_20221216T115530_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T123435_20221216T123756_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T124933_20221216T125020_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T131830_20221216T131902_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T132419_20221216T132551_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T132756_20221216T133732_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T141405_20221216T141745_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T142753_20221216T143002_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T143427_20221216T143717_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T145451_20221216T145830_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T150104_20221216T150345_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T150825_20221216T151630_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T152004_20221216T152030_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T152912_20221216T153156_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T155354_20221216T155647_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T160650_20221216T161011_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T163501_20221216T163604_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T163737_20221216T164111_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T164111_20221216T164622_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T164902_20221216T165657_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T165819_20221216T165857_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221216T173227_20221216T173326_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	r Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220221216T174534_20221216T175113_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T182245_20221216T182254_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T182804_20221216T183523_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T183800_20221216T183916_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T183951_20221216T184129_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T184952_20221216T185434_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T191203_20221216T191220_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T192326_20221216T192920_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T194517_20221216T194640_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T195837_20221216T200021_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T200051_20221216T200159_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T200256_20221216T200503_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T200719_20221216T200933_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T200933_20221216T201407_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T203455_20221216T203553_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T203555_20221216T203634_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T205044_20221216T205135_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T213007_20221216T213128_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T213837_20221216T214049_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T214552_20221216T215114_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T215131_20221216T215229_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T220629_20221216T220733_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T223001_20221216T223041_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T224301_20221216T224420_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T232415_20221216T233127_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221216T233127_20221216T233350_E001	Backscatter Error (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_220221216T000312_20221216T001320_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X 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_220221216T002136_20221216T002159_E001	unavailable 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_220221216T010103_20221216T010227_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_220221216T010723_20221216T010729_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221216T011059_20221216T011240_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_220221216T014901_20221216T015016_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_220221216T015058_20221216T015214_E001	Backscatter Error (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_220221216T015947_20221216T020001_E001	Itrack 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_220221216T024105_20221216T024226_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_220221216T024754_20221216T025108_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_220221216T033908_20221216T034019_E001	ITTACK ANDIE ETTOR SUITACE 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_220221216T034233_20221216T034245_E001	Backscatter Error (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_220221216T034300_20221216T034428_E001	Backscatter Error (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_220221216T034457_20221216T034511_E001	Backscatter Error (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_220221216T034728_20221216T034916_E001	ITTACK ADDIE ETTOL SUDACE 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_220221216T035721_20221216T040001_E001	Backscatter Error (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_220221216T042035_20221216T042149_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_220221216T042652_20221216T043010_E001	track Angle Error (Retracker 3), SARIN X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221216T060128_20221216T060405_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_220221216T060558_20221216T061224_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_220221216T065642_20221216T065803_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_220221216T070043_20221216T070159_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_220221216T073638_20221216T073811_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_220221216T073924_20221216T074302_E001	Backscatter Error (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_220221216T074510_20221216T074601_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221216T075012_20221216T075148_E001	Backscatter Error (Retracker 3) SARID X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221216T083107_20221216T083124_E001	Itrack 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_220221216T083556_20221216T083702_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_220221216T083749_20221216T083842_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_220221216T084029_20221216T084209_E001	Backscatter Error (Retracker 3) SARIN X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221216T085816_20221216T090333_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_220221216T091900_20221216T092058_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_220221216T092915_20221216T093102_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_220221216T095559_20221216T095947_E001	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_220221216T101510_20221216T102020_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_220221216T102050_20221216T102053_E001	Backscatter Error (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_220221216T105834_20221216T105952_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_220221216T110153_20221216T110235_E001	ISARIN X-TRACK ANDIE ERFOR	An ambiguous angle was detected for SARIn mode for one or more records
	Backscatter Error (Retracker 2),	

CS_OFFL_SIR_SIN_220221216T113549_20221216T113647_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221216T114824_20221216T114855_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_220221216T115006_20221216T115026_E001	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_220221216T115530_20221216T120719_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_220221216T123756_20221216T123916_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_220221216T124004_20221216T124200_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221216T124803_20221216T124932_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_220221216T133733_20221216T134105_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_220221216T141746_20221216T142109_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_220221216T142635_20221216T142752_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_220221216T150400_20221216T150450_E001	Backscatter Error (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_220221216T151630_20221216T152003_E001	Backscatter Error (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_220221216T155647_20221216T160008_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_220221216T160527_20221216T160650_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_220221216T162702_20221216T163027_E001	Backscatter Error (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_220221216T164622_20221216T164902_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_220221216T173326_20221216T173524_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_220221216T174406_20221216T174534_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_220221216T182254_20221216T182358_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_220221216T182700_20221216T182804_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_220221216T191220_20221216T191357_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_220221216T192123_20221216T192325_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_220221216T200200_20221216T200256_E001	track Angle Error (Retracker 3), SARIN X	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221216T200503_20221216T200719_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_220221216T202149_20221216T202432_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

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CS_OFFL_SIR_SIN_220221216T205135_20221216T205322_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_220221216T205858_20221216T205902_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221216T210004_20221216T210658_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_220221216T210815_20221216T211201_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_220221216T211949_20221216T212356_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_220221216T212845_20221216T213007_E001	Backscatter Error (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_220221216T213715_20221216T213837_E001	Backscatter Error (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_220221216T214049_20221216T214552_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_220221216T215114_20221216T215131_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_220221216T220154_20221216T220554_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_220221216T223041_20221216T223356_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_220221216T224051_20221216T224301_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_220221216T231838_20221216T232415_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_220221216T234031_20221216T234158_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