





1. Overview

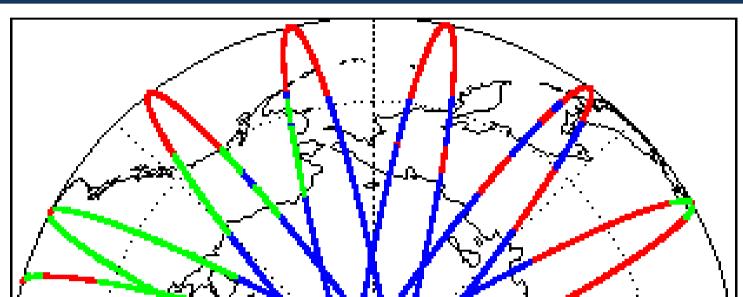
Report Production Date:	13-Jan-2023
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

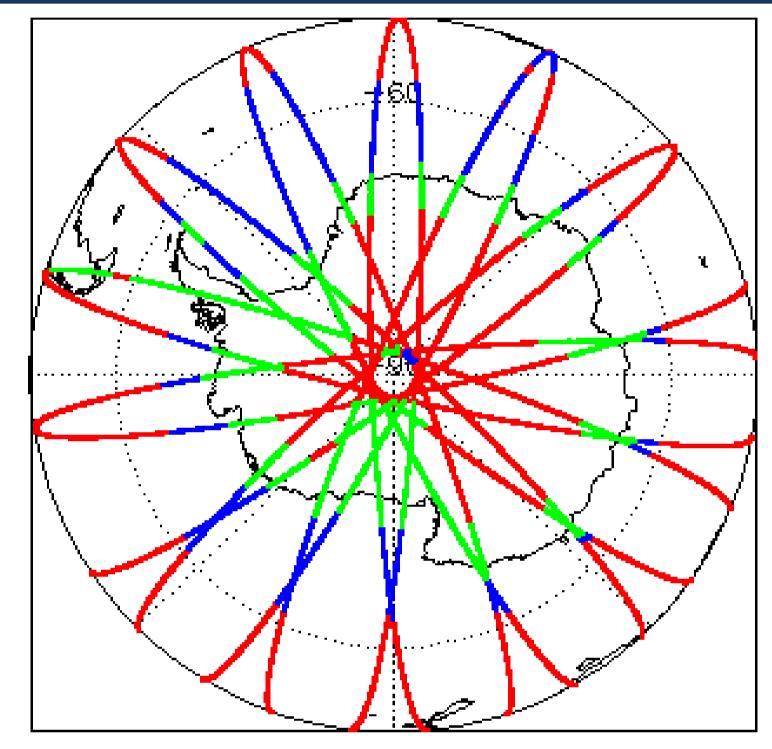
We would love to hear from you! Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2_qc_team@telespazio.com

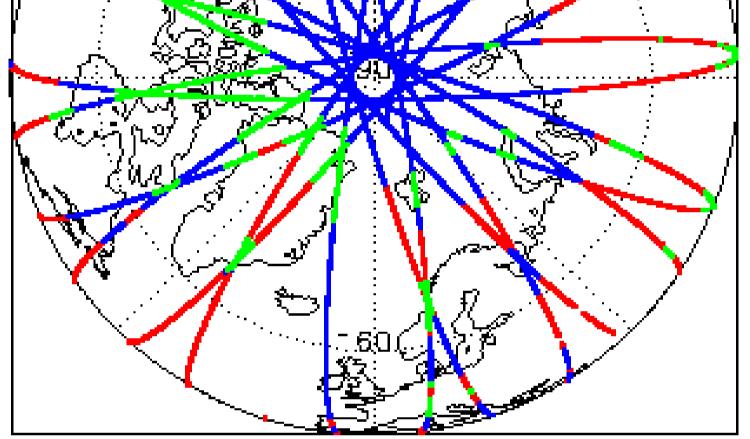
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Tracking Flag Check	See Section 4.4
L1B Calibration Usage Check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

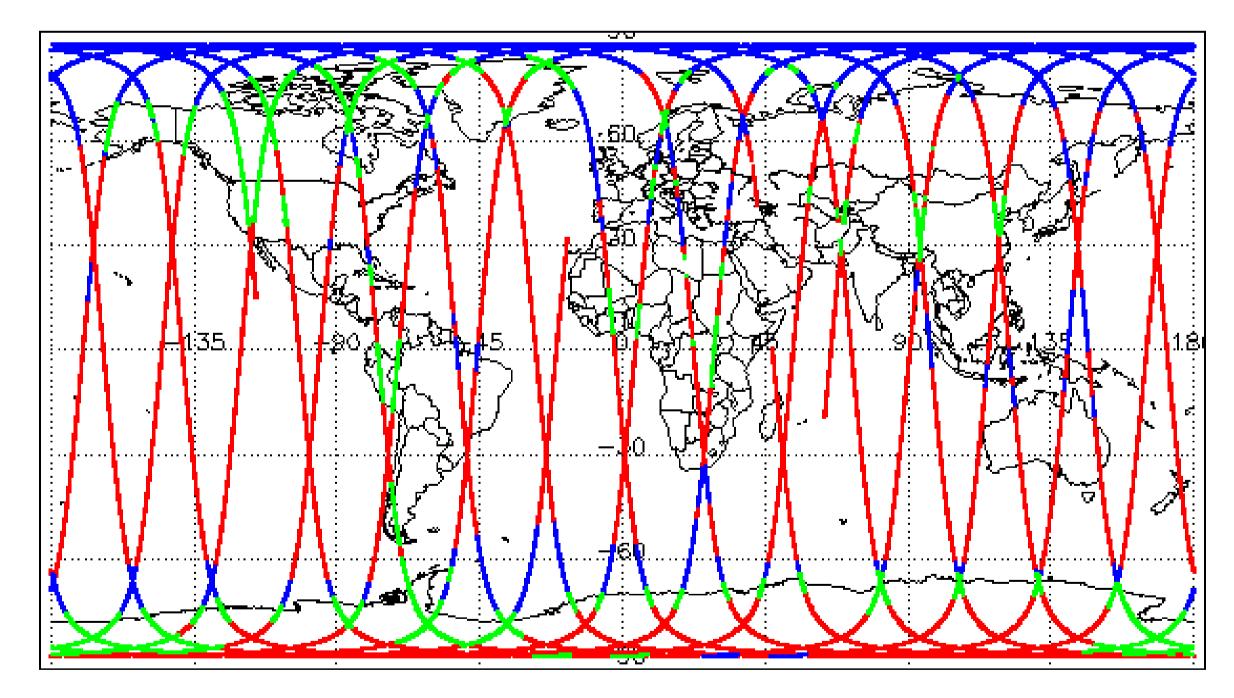
Mission / Instru	ument News
13-Dec-2022	None
14-Dec-2022	None
15-Dec-2022	Nothing planned

2. Global Coverage





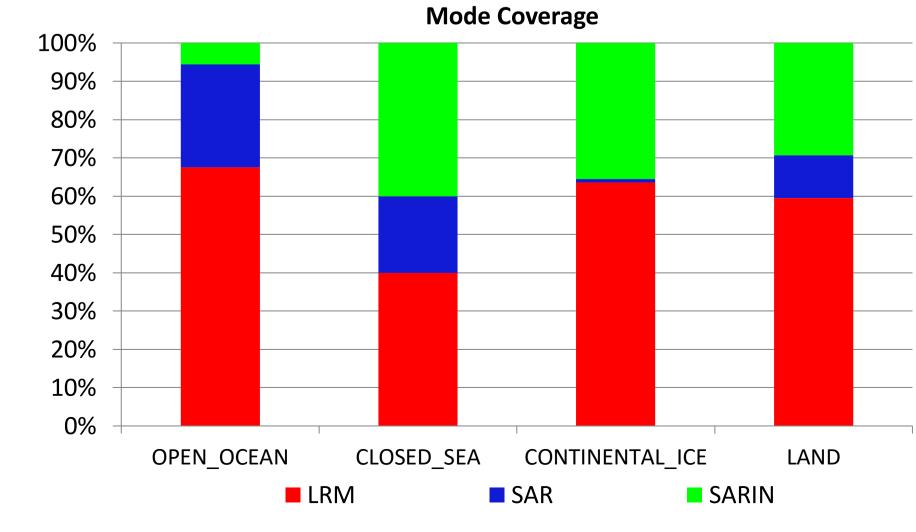


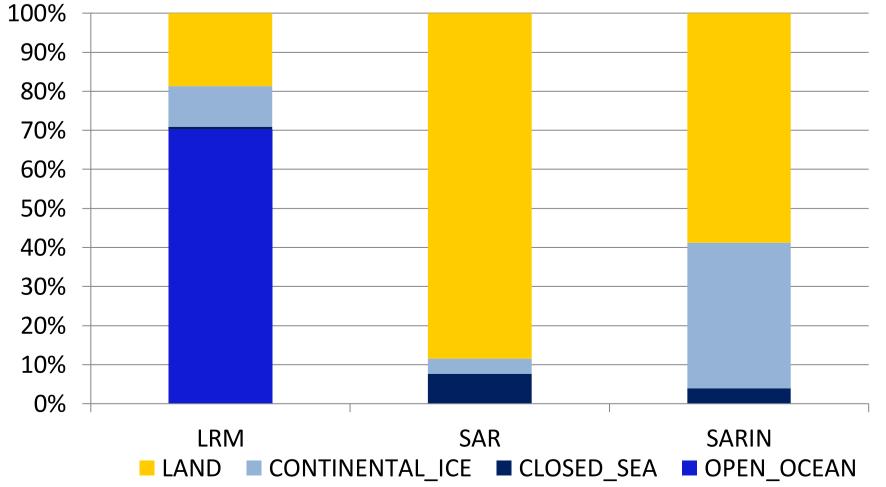




LRM	65.2
SAR	20.8
SARIn	14.1

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 Chec	;k		
Each product, retrieved and unpacked from	the 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 Anal	ysis		
For all products, a series of pre-defined che	cks 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	ζ		
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 Checl	κ		
CryoSat L1B data includes a tracking flag fo	r each measurement record. Th	e 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:

153

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20221213T233655_20221214T000502_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T002624_20221214T003151_E001	Loss of echo	The tracking echo is missing for one or more records

Loss of echo

CS_OFFL_SIR_LRM_1B_20221214T003257_20221214T003414_E001 CS_OFFL_SIR_LRM_1B_20221214T003419_20221214T003430_E001 CS_OFFL_SIR_LRM_1B_20221214T003432_20221214T003534_E001 CS_OFFL_SIR_LRM_1B_20221214T003536_20221214T003544_E001 CS_OFFL_SIR_LRM_1B_20221214T003547_20221214T003608_E001 CS OFFL SIR LRM 1B 20221214T003612 20221214T003635 E001 CS_OFFL_SIR_LRM_1B_20221214T003637_20221214T003650_E001 CS_OFFL_SIR_LRM_1B_20221214T003653_20221214T003656_E001 CS_OFFL_SIR_LRM_1B_20221214T003659_20221214T010139_E001 CS_OFFL_SIR_LRM_1B_20221214T010421_20221214T010917_E001 CS_OFFL_SIR_LRM_1B_20221214T010924_20221214T011253_E001 CS_OFFL_SIR_LRM_1B_20221214T020321_20221214T020524_E001 CS_OFFL_SIR_LRM_1B_20221214T020713_20221214T020938_E001 CS_OFFL_SIR_LRM_1B_20221214T021011_20221214T021049_E001 CS_OFFL_SIR_LRM_1B_20221214T021238_20221214T021353_E001 CS_OFFL_SIR_LRM_1B_20221214T021535_20221214T021709_E001 CS_OFFL_SIR_LRM_1B_20221214T021815_20221214T022116_E001 CS_OFFL_SIR_LRM_1B_20221214T022255_20221214T022311_E001 CS_OFFL_SIR_LRM_1B_20221214T022641_20221214T023316_E001 CS_OFFL_SIR_LRM_1B_20221214T024420_20221214T024949_E001 CS_OFFL_SIR_LRM_1B_20221214T034557_20221214T034623_E001 CS_OFFL_SIR_LRM_1B_20221214T034843_20221214T034942_E001 CS_OFFL_SIR_LRM_1B_20221214T035309_20221214T035937_E001 CS_OFFL_SIR_LRM_1B_20221214T042341_20221214T042847_E001 CS_OFFL_SIR_LRM_1B_20221214T043510_20221214T050842_E001 CS_OFFL_SIR_LRM_1B_20221214T051039_20221214T051048_E001 The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20221214T051050_20221214T051100_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T051105_20221214T051146_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T061506_20221214T062701_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T062822_20221214T062931_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T062935_20221214T062938_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T062941_20221214T062947_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T062949_20221214T063018_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T063021_20221214T063025_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T063027_20221214T063212_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T064837_20221214T064937_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T064939_20221214T064941_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T064943_20221214T065020_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T065029_20221214T065048_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20221214T065051_20221214T065109_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T065117_20221214T065125_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T072309_20221214T073733_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T074458_20221214T074704_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T075359_20221214T080703_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T081120_20221214T082042_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T082256_20221214T082545_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T082549_20221214T082552_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T082555_20221214T082557_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T082600_20221214T082606_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T082609_20221214T082617_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T082620_20221214T082629_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T082632_20221214T082645_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T082647_20221214T082748_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T082750_20221214T083113_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T084633_20221214T084646_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T084755_20221214T090010_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T095323_20221214T095758_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T100144_20221214T100226_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T100301_20221214T100316_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T100323_20221214T100340_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T100343_20221214T100403_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T100406_20221214T100428_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T100430_20221214T100432_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T100434_20221214T100444_E001	Loss of echo

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CS_OFFL_SIR_LRM_1B_20221214T100448_20221214T100505_E001 CS_OFFL_SIR_LRM_1B_20221214T100507_20221214T100524_E001 CS_OFFL_SIR_LRM_1B_20221214T100528_20221214T101010_E001 CS_OFFL_SIR_LRM_1B_20221214T102526_20221214T103127_E001 CS_OFFL_SIR_LRM_1B_20221214T103207_20221214T103540_E001 CS_OFFL_SIR_LRM_1B_20221214T103542_20221214T105834_E001 CS_OFFL_SIR_LRM_1B_20221214T110427_20221214T110943_E001 CS_OFFL_SIR_LRM_1B_20221214T11259_20221214T113736_E001 CS_OFFL_SIR_LRM_1B_20221214T114001_20221214T114020_E001 CS_OFFL_SIR_LRM_1B_20221214T114100_20221214T114657_E001 CS_OFFL_SIR_LRM_1B_20221214T114657_20221214T114818_E001 CS_OFFL_SIR_LRM_1B_20221214T120913_20221214T120914_E001 CS_OFFL_SIR_LRM_1B_20221214T120917_20221214T120958_E001 CS_OFFL_SIR_LRM_1B_20221214T121001_20221214T123631_E001 CS_OFFL_SIR_LRM_1B_20221214T125215_20221214T130910_E001 CS_OFFL_SIR_LRM_1B_20221214T132029_20221214T132034_E001 CS_OFFL_SIR_LRM_1B_20221214T132036_20221214T132046_E001 CS_OFFL_SIR_LRM_1B_20221214T132049_20221214T132052_E001 CS_OFFL_SIR_LRM_1B_20221214T132054_20221214T132059_E001 CS_OFFL_SIR_LRM_1B_20221214T132103_20221214T132104_E001 CS_OFFL_SIR_LRM_1B_20221214T132108_20221214T132335_E001 CS_OFFL_SIR_LRM_1B_20221214T132408_20221214T132618_E001 CS_OFFL_SIR_LRM_1B_20221214T143913_20221214T144845_E001 CS_OFFL_SIR_LRM_1B_20221214T144907_20221214T145407_E001 CS_OFFL_SIR_LRM_1B_20221214T150017_20221214T150133_E001 CS_OFFL_SIR_LRM_1B_20221214T150144_20221214T150212_E001

The tracking echo is missing for one or more records The treating cabe is missing for an

CS_OFFL_SIR_LRM_1B_20221214T150212_20221214T150257_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T150552_20221214T150606_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T163224_20221214T163618_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T163620_20221214T163711_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T163757_20221214T163932_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T183719_20221214T183819_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T183822_20221214T183823_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T183826_20221214T183830_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T183833_20221214T183901_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T183903_20221214T183908_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T185628_20221214T185839_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T185923_20221214T191356_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T193123_20221214T194446_E001	Loss of echo	The tracking echo is missing for one or more records

Loss of echo

CS_OFFL_SIR_LRM_1B_20221214T194700_20221214T194816_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T194854_20221214T200030_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T201605_20221214T201934_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T201937_20221214T202003_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T202007_20221214T202039_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T202041_20221214T202058_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T202107_20221214T202111_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T202118_20221214T202121_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T202128_20221214T202132_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T202136_20221214T202146_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T202148_20221214T202216_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T202219_20221214T202220_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T202222_20221214T202222_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T202225_20221214T202226_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T202228_20221214T202330_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T202625_20221214T203448_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T203450_20221214T203509_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T203511_20221214T203648_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T211445_20221214T212122_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T212549_20221214T212553_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T212603_20221214T213039_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T213322_20221214T213910_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T215430_20221214T215728_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T215731_20221214T215811_E001	Loss of echo
CS_OFFL_SIR_LRM_1B_20221214T215813_20221214T215817_E001	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_20221214T215820_20221214T215823_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20221214T215825_20221214T215851_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

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:

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

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:

109

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220221214T024420_20221214T024949_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_LRM_220221214T205517_20221214T210019_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_SAR_220221214T010140_20221214T010253_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_220221214T011433_20221214T011733_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_220221214T015212_20221214T015218_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_220221214T020157_20221214T020321_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_220221214T020524_20221214T020713_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_220221214T021049_20221214T021237_E001	Snow depth model	There is an error with the Snow Depth value, where one or more record
CS_OFFL_SIR_SAR_220221214T021353_20221214T021535_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_220221214T023317_20221214T023607_E001	Snow depth model	falls outside of the extent of the current snow depth modelThere is an error with the Snow Depth value, where one or more record
CS_OFFL_SIR_SAR_220221214T023730_20221214T023929_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_220221214T023948_20221214T024300_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_220221214T025305_20221214T025628_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more record
CS_OFFL_SIR_SAR_220221214T032951_20221214T033938_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_220221214T034155_20221214T034233_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221214T034623_20221214T034838_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_220221214T035103_20221214T035308_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_220221214T041847_20221214T042227_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_220221214T043203_20221214T043510_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_220221214T050843_20221214T051039_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_220221214T055623_20221214T060321_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_220221214T061337_20221214T061506_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_220221214T062702_20221214T062822_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_220221214T063212_20221214T063653_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_220221214T064544_20221214T064634_E001	Snow depth model	There is an error with the Snow Depth value, where one or more record
CS_OFFL_SIR_SAR_220221214T064638_20221214T064645_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more record
 CS_OFFL_SIR_SAR_220221214T064647_20221214T064758_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more record
CS_OFFL_SIR_SAR_220221214T064802_20221214T064808_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more record
		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more record
CS_OFFL_SIR_SAR_220221214T064811_20221214T064833_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more record
S_OFFL_SIR_SAR_220221214T064836_20221214T064837_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more record
CS_OFFL_SIR_SAR_220221214T070350_20221214T070400_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more record
CS_OFFL_SIR_SAR_220221214T072112_20221214T072300_E001	Snow depth model	falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220221214T072303_20221214T072309_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_2_20221214T073733_20221214T073853_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_220221214T073956_20221214T074140_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_220221214T075342_20221214T075358_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_220221214T080703_20221214T080821_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_220221214T080919_20221214T081120_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_220221214T084045_20221214T084230_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_220221214T084315_20221214T084633_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_220221214T084646_20221214T084755_E001	Snow depth model	There is an error with the Snow Depth value, where one or more record
	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more record
CS_OFFL_SIR_SAR_220221214T093257_20221214T093347_E001	Snow depth model	falls outside of the extent of the current snow depth modelThere is an error with the Snow Depth value, where one or more record
		falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221214T094925_20221214T095145_E001	Snow depth model	falls outside of the extent of the current snow depth model

CS_OFFL_SIR_SAR_220221214T095149_20221214T095151_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_20221214T095153_20221214T095155_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_220221214T095159_20221214T095323_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_220221214T102251_20221214T102526_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_220221214T103128_20221214T103207_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221214T105835_20221214T110028_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_220221214T111220_20221214T111259_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_220221214T123631_20221214T123948_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221214T125123_20221214T125214_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_220221214T132618_20221214T132746_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_220221214T141556_20221214T141938_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_220221214T142948_20221214T143151_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_220221214T143622_20221214T143912_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_220221214T145642_20221214T150017_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221214T150257_20221214T150551_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_220221214T151022_20221214T151819_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_220221214T152051_20221214T152109_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_220221214T152202_20221214T152226_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221214T153106_20221214T153351_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_220221214T155550_20221214T155843_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_220221214T160309_20221214T160312_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_220221214T160845_20221214T161205_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_220221214T163711_20221214T163757_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_220221214T163932_20221214T164258_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221214T164258_20221214T164823_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_220221214T165907_20221214T165930_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_220221214T165933_20221214T170049_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_20221214T173422_20221214T173543_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_220221214T174207_20221214T174213_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_220221214T174221_20221214T174227_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_220221214T174729_20221214T175308_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221214T182441_20221214T182451_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_220221214T183916_20221214T183919_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_220221214T183927_20221214T183928_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_220221214T183931_20221214T183935_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_220221214T183939_20221214T183944_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_220221214T183946_20221214T184108_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_220221214T184229_20221214T184309_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220221214T185146_20221214T185628_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_220221214T185839_20221214T185923_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_220221214T191356_20221214T191413_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_220221214T192107_20221214T192113_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_220221214T192120_20221214T192126_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220221214T192520_20221214T193122_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_220221214T194446_20221214T194659_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_220221214T194816_20221214T194854_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_220221214T200030_20221214T200157_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_220221214T200302_20221214T200411_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_220221214T200442_20221214T200658_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_220221214T203649_20221214T203828_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_220221214T205238_20221214T205329_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_220221214T210019_20221214T210025_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_220221214T213201_20221214T213322_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_220221214T214032_20221214T214238_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_220221214T220838_20221214T221002_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_220221214T223139_20221214T223236_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_220221214T224454_20221214T224614_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_220221214T042847_20221214T043203_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221214T060322_20221214T060559_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221214T060752_20221214T061337_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221214T074141_20221214T074457_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221214T141938_20221214T142303_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221214T155843_20221214T160204_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221214T192319_20221214T192519_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220221214T210157_20221214T210851_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors:

238

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220221213T233655_20221214T000502_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_220221214T003659_20221214T010139_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_220221214T011734_20221214T015058_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_220221214T020321_20221214T020524_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_220221214T021238_20221214T021353_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220221214T022641_20221214T023316_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_220221214T025628_20221214T032950_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_220221214T040202_20221214T041847_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_220221214T043510_20221214T050842_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_220221214T053340_20221214T055623_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_220221214T061506_20221214T062701_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_220221214T062822_20221214T062931_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_220221214T062949_20221214T063018_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_220221214T063027_20221214T063212_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_220221214T063653_20221214T064544_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_220221214T070400_20221214T072112_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_220221214T072309_20221214T073733_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records

CS. OFFL SIR LRM 2_20221214T080081_20221214T080919_E001 Height Error (Retracker 2), Backsoatter Error (Retracker 2), Backsoatter Error (Retracker 2), Height Error (Retracker 2), Backsoatter Error (Retracker 3), Backsoatter Error (Retracker 3	a height error a height error ne or more a height error a height error a height error a height error
CS_OFFL_SIR_LRM_2_20221214T081120_20221214T082042_E001 Retracker 3), Backscatter Error Inter is a height and backscatter error for Retracker 2 and for Retracker 2) CS_OFFL_SIR_LRM_2_20221214T090538_20221214T090010_E001 Retracker 3), Backscatter Error There is a height and backscatter error for Retracker 2 and for Retracker 3) backscatter Error CS_OFFL_SIR_LRM_2_20221214T090538_20221214T091923_E001 Height Error (Retracker 2), Backscatter Error There is a height and backscatter error for Retracker 2 and for Retracker 3). Backscatter Error CS_OFFL_SIR_LRM_2_20221214T09538_20221214T094925_E001 Height Error (Retracker 2), Backscatter Error There is a height and backscatter error for Retracker 2 for or records CS_OFFL_SIR_LRM_2_20221214T095323_20221214T095768_E001 Height Error (Retracker 2), Backscatter Error There is a height and backscatter error for Retracker 2 for or records CS_OFFL_SIR_LRM_2_20221214T103540_20221214T103540_E001 Retracker 3), Backscatter Error There is a height and backscatter error for Retracker 2 and for Retracker 2). CS_OFFL_SIR_LRM_2_20221214T103542_20221214T103540_E001 Retracker 3), Backscatter Error There is a height and backscatter error for Retracker 2 and for Retracker 2). CS_OFFL_SIR_LRM_2_20221214T1103540_E001 Retracker 3), Backscatter Error There is a height and backscatter error for Retracker 2 for or records CS_OFFL_SIR_LRM_2_20221214T1103540_E001 Retracker 3), Backscatter Error There is a height and backscatter error fo	a height error ne or more a height error a height error a height error a height error a height error
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CS_OFFL_SIR_LRM_2_20221214T111259_20221214T113736_E001 (Retracker 3), Backscatter Error (Retracker 2) Intere is a height and backscatter error for Retracker 2 and if for Retracker 2). CS_OFFL_SIR_LRM_2_20221214T121001_20221214T123631_E001 (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatt	a height error ne or more a height error ne or more
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CS_OFFL_SIR_LRM_2_20221214T134307_20221214T141556_E001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20221214T145550_20221214T145642_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter 2) There is a height and backscatter error for Retracker 2 for or records	
CS_OFFL_SIR_LRM_2202212141145550_202212141145642_E001 Error (Retracker 2) records	ne or more
CS_OFFL_SIR_LRM_220221214T150653_20221214T150701_E001 Height Error (Retracker 2), Backscatter Intere is a height and backscatter error for Retracker 2 for or Error (Retracker 2) records	ne or more
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CS_OFFL_SIR_LRM_220221214T152226_20221214T153106_E001 Height Error (Retracker 2), Backscatter) There is a height and backscatter error for Retracker 2 for or Error (Retracker 2)	ne or more
CS_OFFL_SIR_LRM_220221214T153351_20221214T155550_E001 Height Error (Retracker 2), Height Error (Retracker 3), He	a height error
CS_OFFL_SIR_LRM_2_20221214T161205_20221214T162857_E001 Height Error (Retracker 2), Backscatter 2) There is a height and backscatter error for Retracker 2 for or Error (Retracker 2)	ne or more
CS_OFFL_SIR_LRM_220221214T163620_20221214T163711_E001 Height Error (Retracker 2), Backscatter Indext and backscatter error for Retracker 2 for or Error (Retracker 2)	ne or more
CS_OFFL_SIR_LRM_2_20221214T170049_20221214T173422_E001 Height Error (Retracker 2), Height Error (Retracker 3), Hei	a height error
CS_OFFL_SIR_LRM_220221214T175308_20221214T182441_E001 Height Error (Retracker 2), Height Error (Retracker 3), He	a height error
CS_OFFL_SIR_LRM_2_20221214T184309_20221214T185146_E001 Height Error (Retracker 2), Height Error (Retracker 3), Hei	a height error
CS_OFFL_SIR_LRM_2_20221214T185628_20221214T185839_E001 Height Error (Retracker 2), Height Error (Retracker 3), Hei	a height error
CS_OFFL_SIR_LRM_2_20221214T185923_20221214T191356_E001 Height Error (Retracker 2), Backscatter) There is a height and backscatter error for Retracker 2 for or Error (Retracker 2)	ne or more
CS_OFFL_SIR_LRM_2_20221214T193123_20221214T194446_E001 Height Error (Retracker 2), Surface model Unavailable There is a height and backscatter error for Retracker 2 and record Slope Model was used for the location of one or more record	
CS_OFFL_SIR_LRM_2_20221214T194700_20221214T194816_E001 Height Error (Retracker 2), Backscatter 2) There is a height and backscatter error for Retracker 2 for or Error (Retracker 2)	ne or more
CS_OFFL_SIR_LRM_2_20221214T194854_20221214T200030_E001 Height Error (Retracker 2), Height Error (Retracker 2), There is a height and backscatter error for Retracker 2 and a (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error for Retracker 2) for Retracker 3 for one or more records	a height error
CS_OFFL_SIR_LRM_2_20221214T202625_20221214T203448_E001 Height Error (Retracker 2), Hei	a height error
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CS_OFFL_SIR_LRM_2_20221214T203828_20221214T205238_E001 Height Error (Retracker 2), Backscatter 2), Backscatter is a height and backscatter error for Retracker 2 for or Error (Retracker 2)	ne or more
CS_OFFL_SIR_LRM_2_20221214T211445_20221214T212122_E001 Height Error (Retracker 2), Backscatter 2) There is a height and backscatter error for Retracker 2 for or Error (Retracker 2)	ne or more
CS_OFFL_SIR_LRM_2_20221214T212603_20221214T213039_E001 Height Error (Retracker 2), Height Error (Retracker 3), Hei	a height error

Physical Control Physical Control<	CS_OFFL_SIR_LRM_220221214T213322_20221214T213910_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
60 OT 360 IM 2 002 YEAR YEAR AND AND AND AND AND AND YEAR YEAR OF YEAR AND AND AND YEAR AND AND YEAR AND AND YEAR AND YEA	CS_OFFL_SIR_LRM_220221214T220107_20221214T220114_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
 La dura de la 2 AURAN de la 2 ANALY DE La 2007 LE 2011 La dura de la 2007 DE La 2012 ANALY DE LA 2012 LE 2012 EN LA 2	CS_OFFL_SIR_LRM_220221214T221002_20221214T223139_E001	(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
OLD Control Description Description Description CR DFL SFL	CS_OFFL_SIR_LRM_220221214T224614_20221214T231336_E001		
Recommendant Carl Contraction 2 and Carl Cont	CS_OFFL_SIR_LRM_220221214T234631_20221215T001112_E001	(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
32. OFTER SINCE AND CLARK RELETINGES 1001 Behaviore and products in the second of	CS_OFFL_SIR_SAR_220221214T001528_20221214T002325_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Signed Server 2, 2007 (URL SSS 10, 07, 07, 07, 07, 07, 07, 07, 07, 07, 0	CS_OFFL_SIR_SAR_220221214T002325_20221214T002330_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CSUMPTION Decidence for (Review) The is a container who (Review) and So to it in the work with the source of the Review and the revi	CS_OFFL_SIR_SAR_220221214T002351_20221214T002623_E001	, , , , , , , , , , , , , , , , , , ,	There is a backscatter error for Retracker 2 and 3 for one or more records
Column Descent From (Final Art 3) There is constant on the final Art 30 for the other works CG OFTL SRE 6AR 2, 202212*1000107 Descent From (Final Art 3) There is constant on the final Art 30 for the other works CG OFTL SRE 6AR 2, 202212*1000107 DEscent From (Final Art 3) There is constant on the final Art 30 for the other works CG OFTL SRE 6AR 2, 202212*1000107 DEscent From (Final Art 3) There is constant on the final Art 30 for the other on the works CG OFTL SRE 6AR 2, 202212*1000107 DESCENT From (Final Art 3) There is a bandwatter are for Art advect 2 and 3 for an ell are works CG OFTL SRE 6AR 2, 202212*10700507 DESCENT From (Final Art 3) There is a bandwatter are for Art advect 2 and 3 for an ell are works CG OFTL SRE 6AR 2, 202212*1070537 DESCENT From (Final Art 3) There is a bandwatter are for Art advect 2 and 3 for an ell are works CG OFTL SRE 6AR 2, 202212*10705307 DESCENT From (Final Art 3) There is a bandwatter are for Art advect 2 and 3 for an ell are works CG OFTL SRE 6AR 2, 202212*10702307 DESCENT From (Final Art 3) There is a bandwatter are for Art advec 2 and 3 for an ell are works CG OFTL SRE 6AR 2, 202212*10702307 DESCENT From (Final Art 3) There is a bandwatter are for Art advec 2 and 3 for an ell are works CG OFTL SRE 6AR 2, 202212*10702307 DESCENT From (Final Art 3)<	CS_OFFL_SIR_SAR_220221214T010140_20221214T010253_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Subscale First Planck 3: The subscale and the subscale an	CS_OFFL_SIR_SAR_220221214T011433_20221214T011733_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CSCOTE_SIN_SAC20221211020151_20221211020151_20201 Escale-scale from (Rescale-3) Intelling is a calculation with on Rescale 2 and 3 to one on non-records CSL_OPE_SIN_SAC20221211020151_20221211020151_20201 Escale-scale from (Rescale-2) There is a backscaler error for Retracker 2 and 3 to one on more records CSL_OPE_SIN_SAC20221211020151_20221211020151_20201 Exclored from (Rescale-2) There is a backscaler error for Retracker 2 and 3 to one on more records CSL_OPE_SIN_SAC20221211020151_20221211022007_E001 Exclored from (Rescale-2) There is a backscaler error for Retracker 2 and 3 to one on more records CSL_OPE_SIN_SAC20221211022307_E001 Esclored from (Rescale-2) There is a backscaler error for Retracker 2 and 3 to one on more records CSL_OPE_SIN_SAC20221211022307_E001 Esclored from (Rescale-2) There is a backscaler error for Retracker 2 and 3 to one on more records CSL_OPE_SIN_SAC20221211022307_E001 Esclored from (Rescale-2) There is a backscaler error for Retracker 2 and 3 to one on more records CSL_OPE_SIN_SAC20221211022307_E001 Esclored from (Rescale-2) There is a backscaler error for Retracker 2 and 3 to one on more records CSL_OPE_SIN_SAC20221211022307_E001 Esclored from (Rescale-2) There is a backscaler error for Retracker 2 and 3 to one on more records CSL_OPE_SIN_SAC20221211022307_E001 Esclored from (Rescale-2) Th	CS_OFFL_SIR_SAR_220221214T015407_20221214T020138_E001	· · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
CSL 0FT_SIN_SIN_2_00000000000000000000000000000000000	CS_OFFL_SIR_SAR_220221214T020157_20221214T020321_E001	· · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
Cisc Ont- Site Serie 2 2.222/211102/1022 2021 Each control Free / Refrancer 2 (and 2) (and control Free / Refrancer 2). There is a backcaster free / Refrancer 2). CS_OFFL_SIR_SAR_22021214102/332_0221214102/352_E001 Backcaster Free / Refrancer 2). There is a backcaster error for Refrancer 2 and 3 for one or more records CS_OFFL_SIR_SAR_22021214102/352_0221214102/352_E001 Backcaster Free / Refrancer 2). There is a backcaster error for Refrancer 2 and 3 for one or more records CS_OFFL_SIR_SAR_220221214102/352_0221214102/352_E001 Backcaster Free / Refrancer 2). There is a backcaster error for Refrancer 2 and 3 for one or more records CS_OFFL_SIR_SAR_220221214102/352_20221214102/352_E001 Backcaster Free / Refrancer 2). There is a backcaster error for Refrancer 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2021214102/352_20221214102/352_E001 Backcaster Free / Refrancer 2). There is a backcaster error for Refrancer 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2021214102/352_20221214102/352_E001 Backcaster Free / Refrancer 2). There is a backcaster error for Refrancer 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214102/352_20221214102/352_E001 Backcaster Free / Refrancer 2). There is a backcaster error for Refrancer 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214102/352_2021214102/352_E001 Backcaster Free / Refrancer 2). There is a backcastere	CS_OFFL_SIR_SAR_220221214T020524_20221214T020713_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CAL DIFL_SIR_SAR_2_2021214100185 2021214100185 2021214100185 2021214100185 2021214100180	CS_OFFL_SIR_SAR_220221214T021049_20221214T021237_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SR_SR_P0001241102301_00011201 Backstater Emm (Retrader 3) There is a backstater Emm (Retrader 3) CS_OFFL_SR_SR_P0001241102301_000112010 Backstater Emm (Retrader 3) There is a backstater emm for Retracker 2 and 3 for one or more neords backstater Emm (Retrader 7) CS_OFFL_SR_SR_P0001241102301_000112010 Backstater Emm (Retracker 7) There is a backstater emm for Retracker 2 and 3 for one or more neords backstater Emm (Retracker 7) CS_OFFL_SR_SR_P000121411023005_000111005505_00011 Backstater Emm (Retracker 7) There is a backstater emm for Retracker 2 and 3 for one or more neords backstater Emm (Retracker 7) CS_OFFL_SR_SR_P00012141103308_000112141003506_00011 Backstater Emm (Retracker 7) There is a backstater emm for Retracker 2 and 3 for one or more neords backstater Emm (Retracker 7) CS_OFFL_SR_SR_P00012141003308_000112141003400_E001 Backstater Emm (Retracker 7) There is a backstater emm for Retracker 2 and 3 for one or more neords backstater Emm (Retracker 7) CS_OFFL_SR_SR_P0001214103400_E001 Backstater Emm (Retracker 7) There is a backstater emm for Retracker 2 and 3 for one or more neords backstater Emm (Retracker 7) CS_OFFL_SR_SR_P00012141034025_0E001 Backstater Emm (Retracker 7) There is a backstater emm for Retracker 2 and 3 for one or more neords backstater Emm (Retracker 7) CS_OFFL_SR_SR_P0001214104302_0E001 Backstater Emm (Retracker 7) There is a backstater emm for Retracker 2 and 3 for one or more neords backstater Em	CS_OFFL_SIR_SAR_220221214T021353_20221214T021535_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS OFFL SIR SAR 2 20221214T023348_20221214T02308_202011 Backsoater Error (Retracker 3) There is a backsoater error for Retracker 2 and 3 for one or more records Backsoater Error (Retracker 2), Backsoater Error (Retracker 3), Backsoater Error (Retracker 3	CS_OFFL_SIR_SAR_220221214T023317_20221214T023607_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Backscatter Error (Remacker 2), Backscatter Error (Remacker 2)	CS_OFFL_SIR_SAR_220221214T023730_20221214T023929_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_UPPL_SIR_SAR_2_20221214T06308_0021214T063088_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T033038_02221214T034032_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T034032_20221214T034038_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T034033_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T034033_E021214T034038_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T034033_20221214T034038_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T041847_20221214T042227_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for	CS_OFFL_SIR_SAR_220221214T023948_20221214T024300_E001	· · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
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CS_OFFL_SIR_SAR_2_202212141043303_202212141043303_202212141043303_202212141043303_202212141043303_202212141043303_202212141051039_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T050843_20221214T051039_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T051146_20221214T051837_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T055623_20221214T060321_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T061337_20221214T060321_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T061337_20221214T061506_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T062302_20221214T062822_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T064544_20221214T064634_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There	CS_OFFL_SIR_SAR_220221214T041847_20221214T042227_E001	X Y	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202212141050643_202212141050633_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2)	CS_OFFL_SIR_SAR_220221214T043203_20221214T043510_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202212141051146_202212141051337_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202212141051337_202212141060321_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202212141061337_202212141061306_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202212141062702_202212141062802_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202212141063212_202212141063653_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202212141063212_202212141063653_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202212141064544_202212141064634_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202212141064644_202212141064634_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records <	CS_OFFL_SIR_SAR_220221214T050843_20221214T051039_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_22022121410635023_202212141060321_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_220221214T061337_20221214T061506_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_220221214T062702_20221214T062822_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_220221214T063212_20221214T063653_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_220221214T064544_20221214T064634_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_220221214T064644_20221214T064634_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_220221214T064644_20221214T064634_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_220221214T064644_20221214T064634_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records<	CS_OFFL_SIR_SAR_220221214T051146_20221214T051837_E001	X Y	There is a backscatter error for Retracker 2 and 3 for one or more records
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CS_OFFL_SIR_SAR_2_20221214T064647_20221214T064647_20221214T064758_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220221214T063212_20221214T063653_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_220221214T064544_20221214T064634_E001	X Y	There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_220221214T064647_20221214T064758_E001	· · · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220221214T065125_20221214T065712_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T065712_20221214T065838_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T070350_20221214T070400_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T072112_20221214T072300_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T073733_20221214T073853_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T073956_20221214T074140_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T075342_20221214T075358_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T080703_20221214T080821_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T080919_20221214T081120_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T083113_20221214T083307_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T083310_20221214T083514_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T083515_20221214T083749_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T084045_20221214T084230_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T084315_20221214T084633_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T084646_20221214T084755_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T091923_20221214T092055_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T093257_20221214T093347_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T094925_20221214T095145_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T095159_20221214T095323_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T101010_20221214T101133_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T101133_20221214T101704_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T102251_20221214T102526_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T103128_20221214T103207_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T105835_20221214T110028_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T111220_20221214T111259_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T114818_20221214T115024_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T115054_20221214T115158_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T115220_20221214T115722_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T123631_20221214T123948_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T125123_20221214T125214_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T132618_20221214T132746_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T132950_20221214T133924_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T141556_20221214T141938_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T142948_20221214T143151_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

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Depth(E) RCANCEL_C22114116228_200212411 0005_0001 Backsteller Enry (Rescue 3) These 5 standardier enry for Rescue 2 //// These 5 standardier enry for Rescue 2 /// These 5 standardier enry for Rescue 2 /// These 5 standardier enry for Rescue 2 /// These 5 standardier enry for Rescue 2 // Rescue 2
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Lis Or TL Site Site 2. 2022 12411 (S222 22212411 (S224 EUX)) Reducator Error (Remacker 2) There is a backscatter error for Remacker 2) CS OFTL SIR SAR 2. 2022 12411 (S242 EUX) Reducator Error (Remacker 2) There is a backscatter error for Remacker 2) CS OFTL SIR SAR 2. 2022 12411 (S242 EUX) Reducator Error (Remacker 2) There is a backscatter error for Remacker 2) CS OFTL SIR SAR 2. 2022 12411 (S242 EUX) Reducator Error (Remacker 2) There is a backscatter error for Remacker 2 and 3 for one or more records CS_OFTL_SIR_SAR_2_2022 12411 (S241 EUX) Reducator Error (Remacker 2) There is a backscatter error for Remacker 2 and 3 for one or more records CS_OFTL_SIR_SAR_2_2022 12411 (S241 EUX) Reducator Error (Remacker 2) There is a backscatter error for Remacker 2 and 3 for one or more records CS_OFTL_SIR_SAR_2_2022 12411 (S241 EUX) Reducator Error (Remacker 2) There is a backscatter error for Remacker 2 and 3 for one or more records CS_OFTL_SIR_SAR_2_2022 12411 (S241 EUX) Reducator Error (Remacker 2) There is a backscatter error for Remacker 2 and 3 for one or more records CS_OFTL_SIR_SAR_2_2022 12411 (S241 EUX) Reducator Error (Remacker 2) There is a backscatter error for Remacker 2 and 3 for one or more records CS_OFTL_SIR_SAR_2_2022 12411 (S242 EUX) Reducator Error (Remacker 2) There is a backscatter error for Remacker 2 and 3 for one or more records CS_OFTL_
0.5.0FFL_SRE_2_002114115310_0021214115350_2021 Badkaatter Enrol (Retacker 3) Theor is a backscatter enrol for Retracker 2 and 3 for one or more records 0.5_0FFL_SRE_SRE_2_20221214T163560_2021214T155500_E001 Badkaatter Enrol (Retacker 3) Theor is a backscatter enrol for Retracker 2 and 3 for one or more records 0.5_0FFL_SRE_SRE_2_20221214T163510_E001 Badkaatter Enrol (Retacker 3) Theor is a backscatter enrol for Retracker 2 and 3 for one or more records 0.5_0FFL_SRE_SRE_2_20221214T163510_E001 Badkaatter Enrol (Retacker 3) Theor is a backscatter enrol for Retracker 2 and 3 for one or more records 0.5_0FFL_SRE_SRE_2_20221214T16428_E001 Badkaatter Enrol (Retacker 3) Theor is a backscatter enrol for Retracker 2 and 3 for one or more records 0.5_0FFL_SRE_SRE_2_20221214T16428_E001 Badkaatter Enrol (Retacker 3) Theor is a backscatter enrol for Retracker 2 and 3 for one or more records 0.5_0FFL_SRE_SRE_2_20221214T16428_E001 Badkacatter Enrol (Retacker 3) There is a backscatter enrol for Retracker 2 and 3 for one or more records 0.5_0FFL_SRE_SRE_2_20221214T16428_E001 Badkacatter Enrol (Retacker 3) There is a backscatter enrol for Retracker 2 and 3 for one or more records 0.5_0FFL_SRE_SRE_2_20221214T16428_E001 Badkacatter Enrol (Retacker 3) There is a backscatter enrol for Retracker 2 and 3 for one or more records 0.5_0FFL_SRE_SRE_2_20221214T17548_E001 Badkacatter Enrol (Retacker 3) There is a bac
GS_OFF_SIR_SAR_2_20221214T163560_20221214T163560_2001 Backcaster Error (Remaker 3) There is a backsaster error for Retracker 2 and 3 for one or more records GS_OFF_SIR_SAR_2_20221214T160045_20221214T163767_E001 Backcaster Error (Remaker 2), Backcaster Error (Remaker 3) There is a backsaster error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T163062_20221214T164528_E001 Backcaster Error (Remaker 3) There is a backsaster error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T164058_20221214T164528_E001 Backcaster Error (Remaker 3) There is a backsaster error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T164058_20221214T1764528_E001 Backcaster Error (Remaker 3) There is a backsaster error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T164058_20221214T176458_E001 Backcaster Error (Remaker 3) There is a backsaster error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T16404_20221214T175400_E001 Backcaster Error (Remaker 3) There is a backsaster error for
US_OFFL_SIR_SAR_2_20221214T16096_20221214T1616126_1001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records. CS_OFFL_SIR_SAR_2_20221214T163932_20221214T164268_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records. CS_OFFL_SIR_SAR_2_20221214T164268_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records. CS_OFFL_SIR_SAR_2_20221214T164268_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records. CS_OFFL_SIR_SAR_2_20221214T164268_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records. CS_OFFL_SIR_SAR_2_20221214T16608_20221214T164263_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records. CS_OFFL_SIR_SAR_2_20221214T16603_20221214T176049_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records. CS_OFFL_SIR_SAR_2_20221214T176429_20221214T17508_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records. CS_OFFL_SIR_SAR_2_20221214T1642451_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more necords. CS_OFFL_SIR_SAR_2_20221214T18244_20221
CS_OFFL_SIR_SAR_2_2021214116303_2021214116305_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214116508_20221214116508_20221214116508_20221214116508_20221214116508_20221214116508_20221214116508_20221214116508_20221214116508_20221214116508_20221214116508_20221214116508_20221214116508_20221214116508_20221214116508_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214116208_20221214116308_E001 Backscatter Error (Retracker 2), Backscatter Error (
CS_OFFL_SIR_SAR_2_2022[2141163332_2021241164258_2001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2022[2141164258_202212141164253_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2022[2141165833_202212141165813_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_2022[2141165833_202212141173543_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error for Retracker 2, Backscatter E
CS_OFFL_SIR_SAR_2_0021214T16408_2021214T16408_2001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), CS_OFFL_SIR_SAR_2_20221214T17342_20221214T17543_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), CS_OFFL_SIR_SAR_2_20221214T182461_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), CS_OFFL_SIR_SAR_2_20221214T182461_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), CS_OFFL_SIR_SAR_2_20221214T183946_20221214T184108_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), CS_OFFL_SIR_SAR_2_20221214T183946_20221214T18408_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), CS_OFFL_SIR_SAR_2_20221214T183946_20221214T18408_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), CS_OFFL_SIR_SAR_2_20221214T183946_20221214T18408_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), CS_OFFL_SIR_SAR_2_20221214T18428_E001 Backscatter Error (Retracker 2), Backscatter Error (Retra
CS_OFFL_SIR_SAR_2_20221214T165055_20221214T165055_2021214T170049_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T173422_20221214T173543_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Re
CS_OFFL_SIR_SAR_2_20221214T16333_20221214T17049_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T173422_20221214T173543_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T174729_20221214T175308_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T182441_20221214T182451_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T182451_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T182451_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T182451_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T183946_20221214T184108_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T18429_20221214T184309_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T18429
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CS_OFFL_SIR_SAR_2_202212141183946_202212141183719_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T183946_20221214T184108_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T184229_20221214T184309_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T185146_20221214T185628_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T185146_20221214T185628_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T185839_20221214T185923_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T191356_20221214T191413_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20221214T191352_20_20221214T193122_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backs
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CS_OFFL_SIR_SAR_2_20221214T194816_20221214T194854_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),
CS_OFFL_SIR_SAR_2_20221214T200030_20221214T200157_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)
CS_OFFL_SIR_SAR_2_20221214T200302_20221214T200411_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221214T200442_20221214T200658_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)
CS_OFFL_SIR_SAR_2_20221214T200914_20221214T201038_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221214T201038_20221214T201605_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)
CS_OFFL_SIR_SAR_2_20221214T203649_20221214T203828_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)
CS_OFFL_SIR_SAR_2_20221214T205238_20221214T205329_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)
CS_OFFL_SIR_SAR_2_20221214T213201_20221214T213322_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20221214T214032_20221214T214238_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)
CS_OFFL_SIR_SAR_220221214T214749_20221214T215313_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)

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CS_OFFL_SIR_SAR_220221214T215321_20221214T215430_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T220838_20221214T221002_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T223139_20221214T223236_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T224454_20221214T224614_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T232612_20221214T233026_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220221214T233026_20221214T233536_E001	Backscatter Error (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_220221214T000503_20221214T001527_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_220221214T002330_20221214T002351_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_220221214T010254_20221214T010421_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_220221214T010917_20221214T010924_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221214T011253_20221214T011432_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_220221214T015058_20221214T015211_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_220221214T015253_20221214T015406_E001	Backscatter Error (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_220221214T020138_20221214T020156_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_220221214T024300_20221214T024420_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_220221214T024949_20221214T025305_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_220221214T034102_20221214T034155_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_220221214T034418_20221214T034438_E001	Backscatter Error (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_220221214T034443_20221214T034557_E001	Backscatter Error (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_220221214T034942_20221214T035103_E001	$\mathbf{R} = \mathbf{R} = $	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_220221214T035937_20221214T040202_E001	Backscatter Error (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_220221214T042227_20221214T042341_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_220221214T042847_20221214T043203_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_220221214T060322_20221214T060559_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_220221214T060752_20221214T061337_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_220221214T065838_20221214T065958_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_220221214T070232_20221214T070350_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_220221214T073853_20221214T073956_E001	Backscatter Error (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_220221214T074141_20221214T074457_E001	Backscatter Error (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_220221214T074704_20221214T074758_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221214T075206_20221214T075342_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_220221214T082042_20221214T082256_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

	Backscattor Error (Potrackor 2)	
CS_OFFL_SIR_SIN_220221214T083307_20221214T083310_E001	Backscatter Error (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_220221214T083750_20221214T083856_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_220221214T083948_20221214T084045_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_220221214T084230_20221214T084315_E001	Backscatter Error (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_220221214T090010_20221214T090537_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_220221214T092055_20221214T092255_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_220221214T093109_20221214T093256_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_220221214T095758_20221214T100144_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_220221214T101704_20221214T102251_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_220221214T110028_20221214T110146_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_220221214T110349_20221214T110427_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221214T110943_20221214T111219_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_220221214T114020_20221214T114059_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_220221214T115024_20221214T115053_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_220221214T115159_20221214T115220_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_220221214T115722_20221214T120909_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_220221214T123948_20221214T124109_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_220221214T124202_20221214T124354_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221214T124959_20221214T125123_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_220221214T133924_20221214T134307_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_220221214T141938_20221214T142303_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_220221214T142831_20221214T142948_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_220221214T150606_20221214T150653_E001	Backscatter Error (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_220221214T150701_20221214T150711_E001	Backscatter Error (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_220221214T151819_20221214T152051_E001	Backscatter Error (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_220221214T152109_20221214T152202_E001	Backscatter Error (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_220221214T155843_20221214T160204_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_220221214T160721_20221214T160844_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_220221214T162857_20221214T163223_E001	Backscatter Error (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_220221214T164823_20221214T165056_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_220221214T173543_20221214T173729_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_220221214T174611_20221214T174729_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_220221214T182451_20221214T182557_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle
	track Angle Error	was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221214T182854_20221214T182959_E001	Backscatter Effor (Refracker 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_220221214T191414_20221214T191549_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_220221214T192138_20221214T192141_E001	ISARIN X-Track Andle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220221214T192319_20221214T192519_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_220221214T200411_20221214T200442_E001	Backscatter Error (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_220221214T200658_20221214T200914_E001		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_220221214T202330_20221214T202625_E001	Backscatter Error (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_220221214T205329_20221214T205517_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_220221214T210157_20221214T210851_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_220221214T211000_20221214T211445_E001	TITACK ADDIE ETTOL 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_220221214T212122_20221214T212549_E001	C C	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_220221214T213039_20221214T213201_E001	Backscatter Error (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_220221214T213910_20221214T214032_E001	Backscatter Error (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_220221214T214238_20221214T214749_E001	ITRACK 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_220221214T215313_20221214T215321_E001	Backscatter Error (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_220221214T220345_20221214T220744_E001	C A	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_220221214T223236_20221214T223546_E001	Backscatter Effor (Refracker 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_220221214T224235_20221214T224454_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_220221214T232032_20221214T232612_E001	Backscatter Error (Retracker 3), SARIN X-	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220221214T234223_20221214T234357_E001	C A	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records