





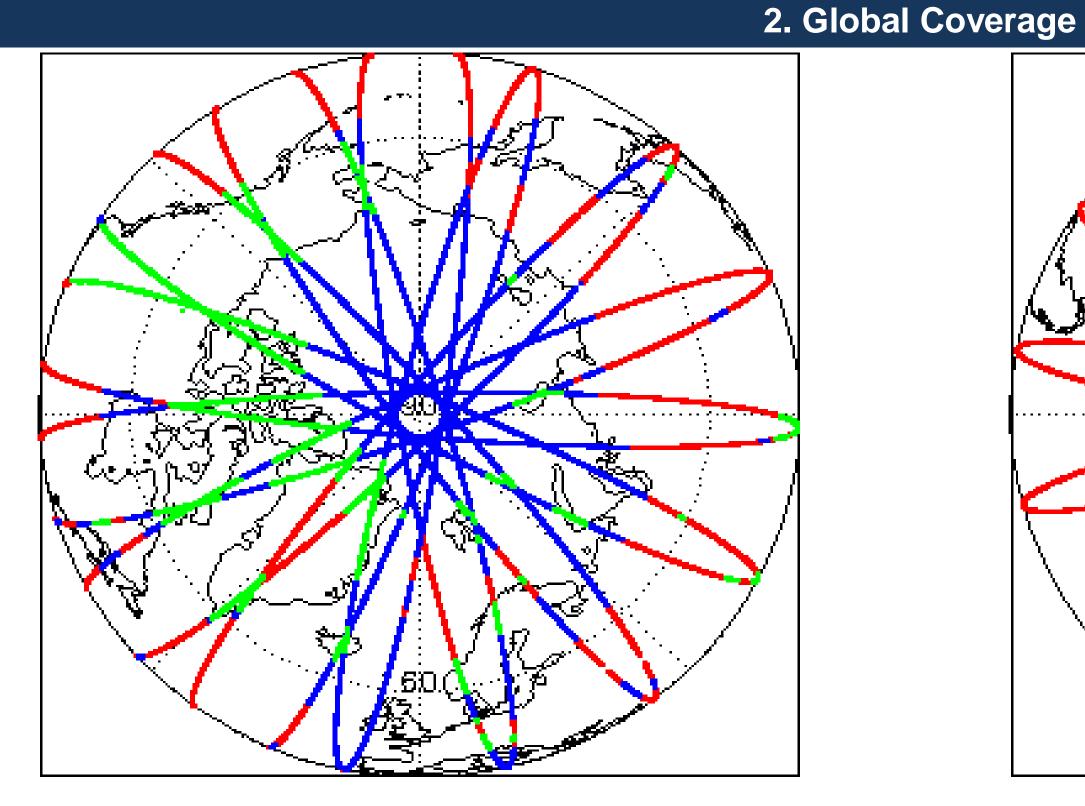
1. Overview

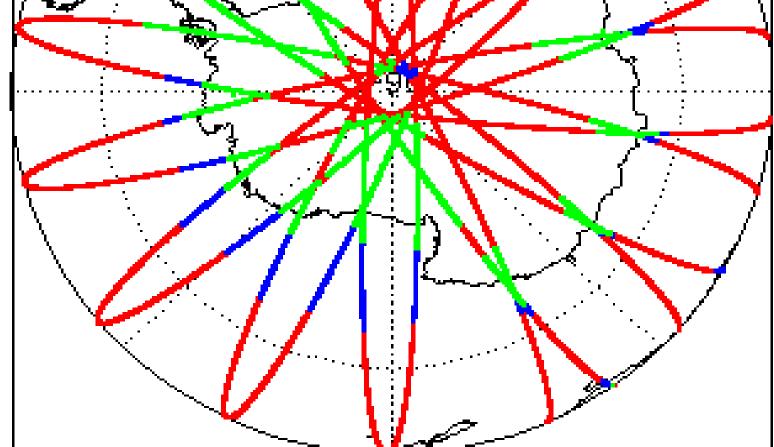
Report Production Date:	05-May-2023
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

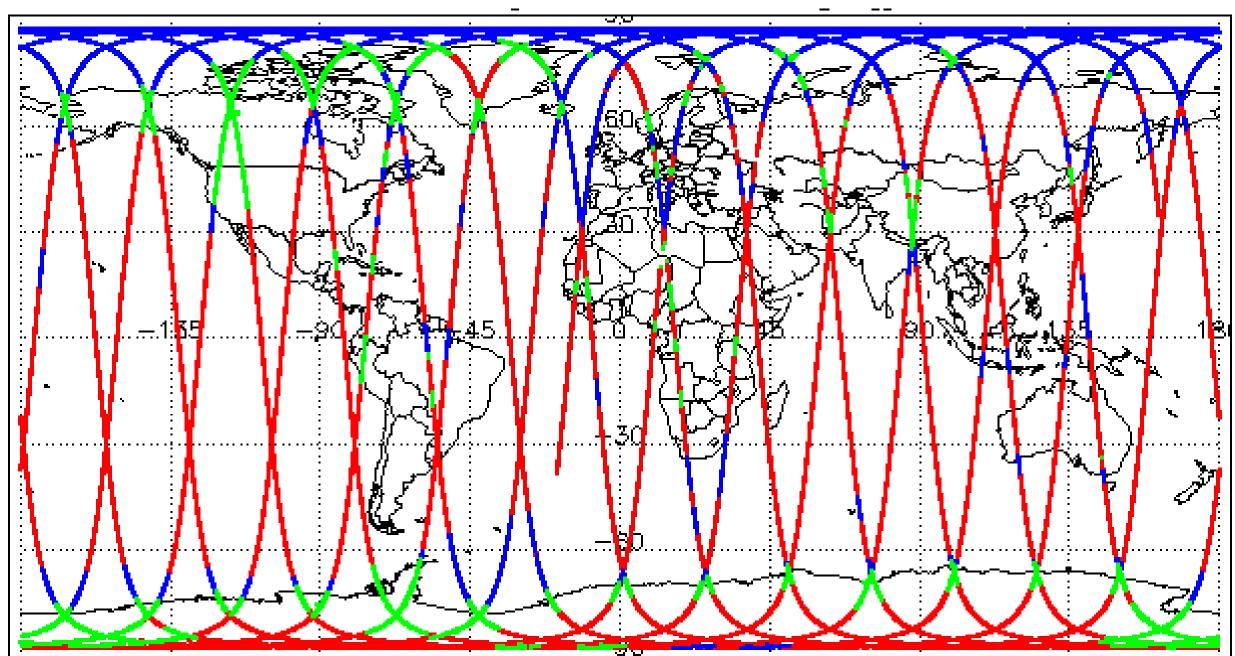
We would love to hear from you!Pleaselet us know your feedback about these daily quality reports:What do you like/ dislike? What quality information do youneed? Send your feedback tocs2_qc_team@telespazio.com

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 4.7 and 5.4
L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5
QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3

Mission / Instru	ment News
02-Apr-2023	None
03-Apr-2023	None
04-Apr-2023	Nothing planned

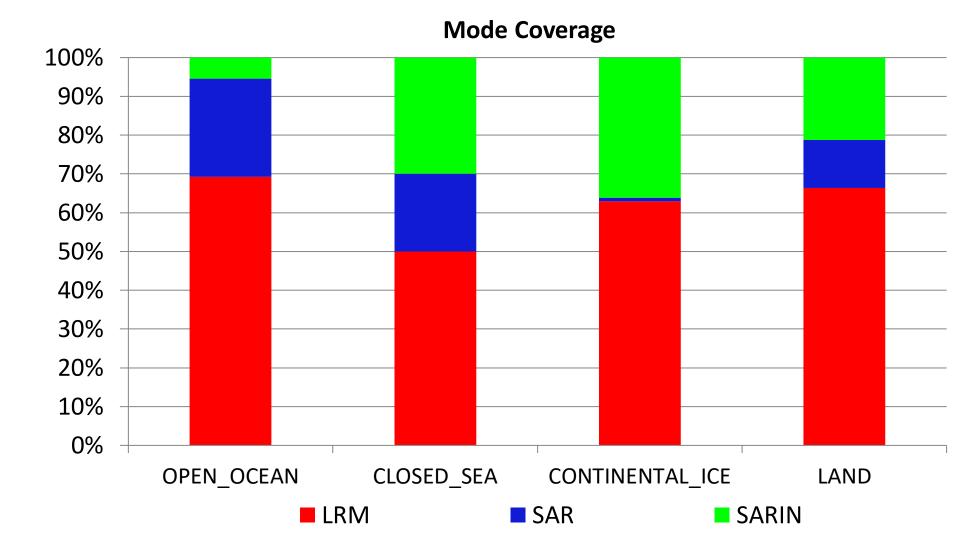


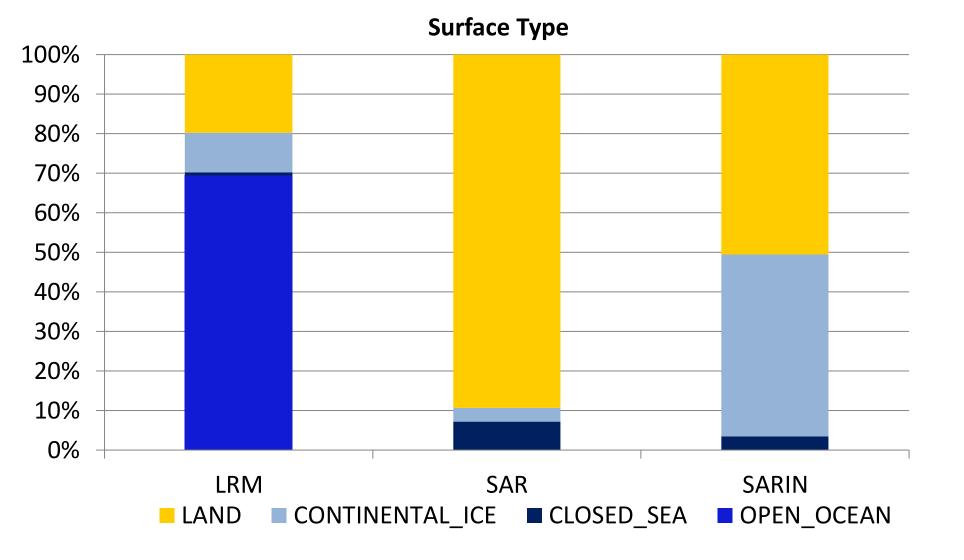




Mode Coverage (%)

LRM	67.8
SAR	20.1
SARIn	12.2





3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

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

Number of products with errors:

4.3 Star Tracker Usage Check

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

Number of products with errors:

0

0

0

4.4 L1B Tracking Flags Check

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

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

Number of products with errors:

116

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20230403T000723_20230403T000911_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 20230403T011152 20230403T011759 E001	Loss of echo	The tracking echo is missing for one or more records

C5_0FFL_5IR_LRM_1B_202304031011152_202304031011759_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T011843_20230403T011949_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T011951_20230403T012751_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T012755_20230403T012917_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T013358_20230403T014112_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T014217_20230403T014256_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T014449_20230403T014730_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T014733_20230403T014807_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T014809_20230403T014821_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T022015_20230403T023519_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T025912_20230403T030547_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T030726_20230403T030907_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T030910_20230403T032145_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T032148_20230403T032154_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T032158_20230403T032201_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T032203_20230403T032209_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T032211_20230403T032308_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T032359_20230403T032818_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T032855_20230403T032915_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T034227_20230403T034321_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T034420_20230403T034433_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T034529_20230403T034830_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T035252_20230403T035623_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T035626_20230403T035725_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T035727_20230403T035741_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T041942_20230403T042815_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T045821_20230403T045906_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T050021_20230403T050029_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T050034_20230403T050057_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T050122_20230403T050132_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T050134_20230403T050136_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T050143_20230403T050655_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T052155_20230403T053021_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T053026_20230403T055602_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T061430_20230403T063542_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T063644_20230403T063850_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T063956_20230403T064317_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T064317_20230403T064509_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T074827_20230403T081251_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T081253_20230403T081256_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20230403T081258_20230403T081725_E001 CS_OFFL_SIR_LRM_1B_20230403T081930_20230403T082024_E001	Loss of echo Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T082024_20230403T082038_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_202304031082024_202304031082036_E001 CS_OFFL_SIR_LRM_1B_20230403T082111_20230403T082251_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T082451_20230403T082535_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T082431_20230403T082535_E001 CS_OFFL_SIR_LRM_1B_20230403T092007_20230403T092526_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T092007_20230403T092320_E001 CS_OFFL_SIR_LRM_1B_20230403T093601_20230403T094002_E001	Loss of echo	
	Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T094108_20230403T094427_E001		
CS_OFFL_SIR_LRM_1B_20230403T094514_20230403T094743_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T095255_20230403T095423_E001 CS_OFFL_SIR_LRM_1B_20230403T095839_20230403T095849_E001	Loss of echo Loss of echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T095858_20230403T095825_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T095925_20230403T095925_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T1053925_20230403T100005_E001	Loss of echo	
		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T112817_20230403T112833_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T112909_20230403T113350_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T115549_20230403T115624_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T115628_20230403T115704_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T133421_20230403T133454_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T133459_20230403T133501_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T133503_20230403T133504_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T133506_20230403T133550_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T133553_20230403T133559_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T133603_20230403T133620_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T133623_20230403T133652_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T134012_20230403T135442_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T135531_20230403T141111_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T142741_20230403T143746_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T143852_20230403T144133_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T144405_20230403T145538_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T145716_20230403T145904_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T151301_20230403T151629_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T151632_20230403T151725_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T151728_20230403T151734_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T151737_20230403T151754_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T151756_20230403T153354_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T155801_20230403T155905_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T160430_20230403T162743_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T162905_20230403T163730_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T164011_20230403T164042_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T165134_20230403T165631_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T165633_20230403T165718_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T165720_20230403T165723_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T165728_20230403T165750_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T165755_20230403T165803_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T165805_20230403T165824_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T165827_20230403T165852_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T165857_20230403T165936_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T170035_20230403T170110_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T170532_20230403T170547_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T174247_20230403T181147_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T183247_20230403T183414_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T183428_20230403T184121_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T184125_20230403T184129_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T184240_20230403T190907_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T191559_20230403T191927_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T201313_20230403T201608_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T201641_20230403T201815_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T201818_20230403T201823_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T201924_20230403T202701_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T202703_20230403T203023_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T203138_20230403T203758_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T205046_20230403T205626_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T210207_20230403T213545_E001	Loss of echo	The tracking echo is missing for one or more records

CS_OFFL_SIR_LRM_1B_20230403T215511_20230403T215625_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T215645_20230403T215735_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T220057_20230403T220225_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T220408_20230403T220659_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T220701_20230403T220827_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T220857_20230403T222813_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T224118_20230403T231539_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T231628_20230403T231756_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T233956_20230403T234429_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20230403T234513_20230404T000249_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

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:

0

8

4.7 L1B Auxiliary Correction Error Check

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

Number of products with errors:

Product	Test Failed	Description
	Dry tropospheric Correction Error,	
	Wet tropospheric Correction Error,	
	Inverse barometric Correction Error.	

CS_OFFL_SIR_SAR_1B_20230403T000656_20230403T000657_E001	Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	Auxillary corrections missing due to short product length.
CS_OFFL_SIR_SAR_1B_20230403T014334_20230403T014335_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	Auxillary corrections missing due to short product length.
CS_OFFL_SIR_SAR_1B_20230403T014351_20230403T014353_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	Auxillary corrections missing due to short product length.
CS_OFFL_SIR_SAR_1B_20230403T014414_20230403T014415_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	Auxillary corrections missing due to short product length.
CS_OFFL_SIR_SAR_1B_20230403T014821_20230403T014823_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	Auxillary corrections missing due to short product length.
CS_OFFL_SIR_SAR_1B_20230403T014828_20230403T014828_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	Auxillary corrections missing due to short product length.
CS_OFFL_SIR_SAR_1B_20230403T133857_20230403T133857_E001	Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag	Auxillary corrections missing due to short product length.

Dry tropospheric Correction Error, Wet tropospheric Correction Error, Inverse barometric Correction Error, Dynamic atmosphere Correction Error, Ocean equilibrium tide, Ocean long period tide, Ocean loading tide, Solid Earth tide, Geocentr. polar tide, Surface type flag

Auxillary corrections missing due to short product length.

4.8 L1B Measurement Confidence Data Check

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

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

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

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

Number of products with errors:

0

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

0

0

0

130

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

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

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

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

Number of products with errors:

Description Product **Test Failed** CS_OFFL_SIR_LRM_2__20230403T132231_20230403T132454_E001 Slope model There is an error with the Slope Model for one or more records There is an error with the Snow Depth value, where one or more records CS_OFFL_SIR_SAR_2__20230403T000429_20230403T000449_E001 Snow depth model falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records CS_OFFL_SIR_SAR_2__20230403T000451_20230403T000511_E001 Snow depth model falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records CS_OFFL_SIR_SAR_2__20230403T000514_20230403T000655_E001 Snow depth model falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records Snow depth model CS_OFFL_SIR_SAR_2__20230403T000701_20230403T000720_E001 falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records CS_OFFL_SIR_SAR_2__20230403T001715_20230403T002116_E001 Snow depth model falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records Snow depth model CS_OFFL_SIR_SAR_2__20230403T002208_20230403T002426_E001 falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records CS_OFFL_SIR_SAR_2__20230403T002900_20230403T003031_E001 Snow depth model falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records CS_OFFL_SIR_SAR_2__20230403T005329_20230403T010028_E001 Snow depth model falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records CS_OFFL_SIR_SAR_2__20230403T011123_20230403T011152_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_220230403T011759_20230403T011843_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230403T012918_20230403T013358_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_220230403T014257_20230403T014258_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_220230403T014300_20230403T014314_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_220230403T014316_20230403T014322_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_220230403T014325_20230403T014329_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_220230403T014340_20230403T014347_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_220230403T014351_20230403T014353_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide, Snow depth model	There is an error with the Dry tropospheric corrrection, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230403T014356_20230403T014411_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_220230403T014422_20230403T014449_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_220230403T014821_20230403T014823_E001	Dry tropospheric corr, Wet tropospheric corr, Inverse barometric corr, Dynamic atm corr, Model Ionospheric corr, Solid Earth tide, Geocentr. polar tide	There is an error with the Dry tropospheric corrrection, Wet tropospheric correction, Inverse barometric correction, Dynamic atm correction, Model lonospheric correction, Solid Earth tide, Geocentral polar tide, and Snow depth model, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230403T020229_20230403T020241_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_220230403T020818_20230403T020944_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_220230403T021801_20230403T022015_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
S_OFFL_SIR_SAR_220230403T023519_20230403T023553_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
S_OFFL_SIR_SAR_220230403T025045_20230403T025056_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
S_OFFL_SIR_SAR_220230403T025751_20230403T025912_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
S_OFFL_SIR_SAR_220230403T030547_20230403T030726_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
S_OFFL_SIR_SAR_220230403T032308_20230403T032341_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
S_OFFL_SIR_SAR_220230403T032343_20230403T032359_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
S_OFFL_SIR_SAR_220230403T033714_20230403T033850_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
S_OFFL_SIR_SAR_220230403T034108_20230403T034227_E001	Snow depth model	falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220230403T034433_20230403T034529_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
S_OFFL_SIR_SAR_220230403T034830_20230403T034900_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
S_OFFL_SIR_SAR_220230403T041651_20230403T041756_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
S_OFFL_SIR_SAR_220230403T043010_20230403T043034_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
S_OFFL_SIR_SAR_220230403T045316_20230403T045457_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
S_OFFL_SIR_SAR_220230403T050057_20230403T050103_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
S_OFFL_SIR_SAR_220230403T050105_20230403T050122_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
S_OFFL_SIR_SAR_220230403T051951_20230403T052155_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
S_OFFL_SIR_SAR_220230403T055602_20230403T055731_E001	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
	Snow depth model	falls outside of the extent of the current snow depth model There is an error with the Snow Depth value, where one or more records
S_OFFL_SIR_SAR_220230403T061248_20230403T061430_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
S_OFFL_SIR_SAR_220230403T064509_20230403T064623_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
S_OFFL_SIR_SAR_220230403T070608_20230403T070804_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
S_OFFL_SIR_SAR_220230403T073458_20230403T073702_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
S_OFFL_SIR_SAR_220230403T074821_20230403T074827_E001	Snow depth model	falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220230403T081726_20230403T081930_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
S_OFFL_SIR_SAR_220230403T082251_20230403T082451_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
S_OFFL_SIR_SAR_220230403T083742_20230403T083746_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
S_OFFL_SIR_SAR_220230403T083751_20230403T083755_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
S_OFFL_SIR_SAR_220230403T083759_20230403T083802_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
S_OFFL_SIR_SAR_220230403T091359_20230403T091654_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
S_OFFL_SIR_SAR_220230403T092642_20230403T092712_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
S_OFFL_SIR_SAR_220230403T093005_20230403T093203_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
S_OFFL_SIR_SAR_220230403T093337_20230403T093601_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
S_OFFL_SIR_SAR_220230403T095424_20230403T095757_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
S_OFFL_SIR_SAR_220230403T100008_20230403T100134_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
S_OFFL_SIR_SAR_220230403T100659_20230403T101556_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
S_OFFL_SIR_SAR_220230403T101724_20230403T101930_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
S_OFFL_SIR_SAR_220230403T102810_20230403T103055_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
S_OFFL_SIR_SAR_220230403T105313_20230403T105536_E001	Snow depth model	falls outside of the extent of the current snow depth model
S_OFFL_SIR_SAR_220230403T110010_20230403T110017_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
S_OFFL_SIR_SAR_220230403T110549_20230403T110620_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
S_OFFL_SIR_SAR_220230403T111929_20230403T112116_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
S_OFFL_SIR_SAR_220230403T113350_20230403T114045_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_220230403T114045_20230403T114218_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model

		There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230403T114303_20230403T114443_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_220230403T115704_20230403T115712_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_220230403T115712_20230403T115826_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_220230403T123143_20230403T123215_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_220230403T123909_20230403T123915_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_220230403T123922_20230403T123929_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230403T124407_20230403T124648_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_220230403T124711_20230403T125009_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_220230403T132043_20230403T132057_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_220230403T133653_20230403T133854_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_220230403T133902_20230403T133913_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_220230403T133915_20230403T133922_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_220230403T133924_20230403T133931_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_220230403T133932_20230403T133939_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_220230403T133940_20230403T134012_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230403T135442_20230403T135531_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_220230403T141111_20230403T141121_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_220230403T141808_20230403T141815_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_220230403T141822_20230403T141828_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_220230403T142226_20230403T142741_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_220230403T144152_20230403T144405_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_220230403T145538_20230403T145716_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230403T145904_20230403T145956_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_220230403T150257_20230403T150400_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_220230403T153354_20230403T153534_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_220230403T155002_20230403T155032_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_220230403T155720_20230403T155727_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_220230403T163730_20230403T164011_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_220230403T170453_20230403T170532_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_220230403T170547_20230403T170648_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_220230403T172937_20230403T173030_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_220230403T174209_20230403T174247_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_220230403T190907_20230403T190912_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_220230403T192058_20230403T192249_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
CS_OFFL_SIR_SAR_220230403T200830_20230403T201313_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_220230403T201824_20230403T201912_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_220230403T201913_20230403T201923_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_220230403T203758_20230403T204236_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_220230403T204853_20230403T204929_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_220230403T205943_20230403T210207_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_220230403T213545_20230403T213619_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_220230403T213737_20230403T213751_E001	Snow depth model	falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_220230403T214823_20230403T214922_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_220230403T215127_20230403T215511_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_220230403T215735_20230403T220057_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_220230403T222814_20230403T222846_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_220230403T223828_20230403T224118_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_220230403T231539_20230403T231600_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_220230403T231602_20230403T231611_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_220230403T231612_20230403T231623_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_220230403T231625_20230403T231628_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_220230403T232512_20230403T232742_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_220230403T232831_20230403T232915_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_220230403T232941_20230403T233956_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_220230403T010028_20230403T010303_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230403T010456_20230403T010812_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230403T023554_20230403T024152_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230403T073837_20230403T074059_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230403T091654_20230403T092007_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230403T105536_20230403T105855_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230403T142013_20230403T142226_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230403T155905_20230403T160356_E001	Mean Sea Surface model	There is an error with the Mean Sea Surface for one or more records
CS_OFFL_SIR_SIN_220230403T223521_20230403T223828_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: 257

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220230402T233812_20230403T000429_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_220230403T003031_20230403T005329_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_220230403T011152_20230403T011759_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_220230403T011951_20230403T012751_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_220230403T012755_20230403T012917_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_220230403T013358_20230403T014112_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_220230403T020241_20230403T020818_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_220230403T020944_20230403T021801_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_220230403T022015_20230403T023519_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_220230403T025056_20230403T025751_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_220230403T025912_20230403T030547_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_220230403T030726_20230403T030907_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_220230403T030910_20230403T032145_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_220230403T032855_20230403T032915_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230403T034227_20230403T034321_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230403T034529_20230403T034830_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_220230403T034900_20230403T035129_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_220230403T035252_20230403T035623_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_220230403T035626_20230403T035725_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CS_OFFL_SIR_LRM_220230403T040117_20230403T041651_E001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220230403T043034_20230403T045316_E001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220230403T051906_20230403T051951_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_220230403T053026_20230403T055602_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_220230403T060927_20230403T061248_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_220230403T061430_20230403T063542_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_220230403T070555_20230403T070608_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_220230403T070804_20230403T073458_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_220230403T074827_20230403T081251_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_220230403T082451_20230403T082535_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_220230403T083932_20230403T091359_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_220230403T092712_20230403T093005_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_220230403T095255_20230403T095423_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_220230403T100301_20230403T100659_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_220230403T101930_20230403T102809_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_220230403T103055_20230403T105313_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_220230403T110620_20230403T111929_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_220230403T112116_20230403T112727_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_220230403T112909_20230403T113350_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_220230403T115826_20230403T123143_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_220230403T125009_20230403T132042_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_220230403T134012_20230403T135442_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_220230403T135531_20230403T141111_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_220230403T142741_20230403T143746_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_220230403T144405_20230403T145538_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_220230403T145716_20230403T145904_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230403T151756_20230403T153354_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_220230403T153534_20230403T155001_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_220230403T160430_20230403T162743_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_220230403T162905_20230403T163730_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_220230403T165827_20230403T165852_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220230403T170648_20230403T172937_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_220230403T174247_20230403T181147_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_220230403T184240_20230403T190907_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_220230403T192249_20230403T195648_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
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S101 B01 B02 - 212 B02 B02 B02 B02 B02 B03 B02And and an end and an an antipart of an	CS_OFFL_SIR_LRM_220230403T201924_20230403T202701_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
A. J. C. M. 1997 J. C. (1) C. M. 2001 Interface of the second of the se	CS_OFFL_SIR_LRM_220230403T205046_20230403T205626_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Cit Ott Gin Gin Argung 1760-72702 (2012) 327 Links 21 Links and 17 Links 21 Links and 17 Lin	CS_OFFL_SIR_LRM_220230403T210207_20230403T213545_E001		
ControllingDescriptionDescriptionDescriptionControllingVariationVariationVariationControllingVariation <td>CS_OFFL_SIR_LRM_220230403T214922_20230403T215018_E001</td> <td>(Retracker 3), Backscatter Error</td> <td></td>	CS_OFFL_SIR_LRM_220230403T214922_20230403T215018_E001	(Retracker 3), Backscatter Error	
Constraint Constraint Constraint Constraint Constraint S0: 07: 00: 10.2 2000000000000000000000000000000000000	CS_OFFL_SIR_LRM_220230403T215645_20230403T215735_E001		
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Control Self. 2002000000000000000000000000000000000	CS_OFFL_SIR_LRM_220230403T234513_20230404T000249_E001	(Retracker 3), Backscatter Error	
Count Control Count Control Research Free (Rescale) Intel 5 Deficient and in Research Free (Rescale) C0. 0FL_RB_SAR_2_02504(0700158),00201-050001767,E01 Badeauth Free (Rescale) The is a baseauth and in Research Free (Rescale) C0. 0FL_RB_SAR_2_02504(0700158),00201-05000166,E001 Badeauth Free (Rescale) The is a baseauth and in Research Pree (Rescale) C0. 0FL_RB_SAR_2_02504(0700158),00201-0500016,E001 Badeauth Free (Rescale) The is a baseauth and in Research Pree (Rescale) C0. 0FL_RB_SAR_2_02504(0700176,2020)-0500017018,E001 Badeauth Free (Rescale) The is a baseauth and in Research Pree (Rescale) C0. 0FL_SR_SAR_2_02504(07001761,2020)-0501102,E001 Badeauth Free (Rescale) The is a baseauth and in Research Pree (Rescale) C0. 0FL_SR_SAR_2_02504(07011761,2020)-0501102,E001 Badeauth Free (Rescale) The is a baseauth and in Research Pree (Rescale) C0. 0FL_SR_SAR_2_02504(07011762,102,0020)-0501102,E001 Badeauth Free (Rescale) The is a baseauth and in Research Pree (Rescale) C3. 0FL_SR_SAR_2_02504(07011762,102,0020)-05011030,E001 Badeauth Free (Rescale) The is a baseauth and in Research Pree (Rescale) C4. 0FL_SR_SAR_2_02504(07011218,2020)-05011030,E001 Badeauth Free (Rescale) The is a baseauth and in Research Pree (Rescale) C5. 0FL_SR_SAR_2_02504(07011218,2020)-05011030,E001 Badeau	CS_OFFL_SIR_SAR_220230403T000514_20230403T000655_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Control Second End End Second End End Second End End Second End CS CH-L SKE SKH 2: 2020-0000000000000000000000000000000	CS_OFFL_SIR_SAR_220230403T000911_20230403T001538_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Cite UT 1584, SMR 2, 20204001 (00 / P. 24204001 (20 / P. 00) Backsoart Enroll (Network 6) There is a backsoart enroll of reactions and 3 is used in real records Cite DFL, SR, SAR 2, 20204001 (00 / 27204001 (20001 - 100) Addicatort Farm (100001 - 27 Inter is a backsoart form (100001 - 27 Cite DFL, SR, SAR 2, 20204001 (00 / 27204001 (20001 - 100) Addicatort Farm (100001 - 27 Inter is a backsoart form (100001 - 27 Cite DFL, SR, SAR 2, 20204001 (01000 - 27704001 (20001 - 100) Addicatort Farm (100001 - 27 Inter is a backsoart form (10000 - 27 Cite, DFL, SR, SAR 2, 20204001 (01000 - 27704001 (20001 - 100) Addicatort Farm (10000 - 27 Inter is a backsoart form (10000 - 27 Cite, DFL, SR, SAR 2, 20204001 (01000 - 27704001 (21000 - 100) Backsoart Farm (10000 - 27 Inter is a backsoart form (10000 - 27 Cite, DFL, SR, SAR 2, 20204001 (01122, 22204001 (11152, E001 Backsoart Farm (10000 - 27 Inter is a backsoart enror far Backsoart enror far Backsoart enror far Backsoart enror far Backsoart Enror (10000 - 27 Cite, DFL, SR, SAR 2, 20204001 (01144 - 100) Backsoart Enror (10000 - 27 Inter is a backsoart enror far Backs	CS_OFFL_SIR_SAR_220230403T001538_20230403T001707_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Cite Construction Host Schler 2 Audematication (Host Head Particle 2 and 1 for one or more resource) Cite Construction Audematication (Host Head Particle 2) There is a backstater or the for the construct 2 and 3 for one or more resources Cite Construction Audematication (Host Head Particle 2) There is a backstater or the for the construct 2 and 3 for one or more resources Cite Construction Audematication (Host Head Particle 2) There is a backstater or the for the construct 2 and 3 for one or more resources Cite Construction Audematication (Host Head Particle 2) There is a backstater or the for the construct 2 and 3 for one or more resources Cite Construction Audematication (Host Head Particle 2) There is a backstater or the for the construct 2 and 3 for one or more resources Cite Construction Audematication (Host Head Particle 2) There is a backstater or the for the construction or the construction or the construction or the construction or the for the construction or the construction or the for the construction or the construction o	CS_OFFL_SIR_SAR_220230403T001715_20230403T002116_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Die Die List offen 2 Auszung Dier (Brancker 3) Prief is a basischaft grauf und einsteller 2 und 3 für one or mode recodes DS_OFFL_SIR_SAR_2_a0230103TD5552_0250105T05522_E001 Exclorator Trein (Brancker 3) There is a basischaft grauf there is the second and the prime recodes DS_OFFL_SIR_SAR_2_a0230103TD5552_030250105T05522_E001 Exclorator Trein (Brancker 3) There is a basischaft grauf (Brancker 3) DS_OFFL_SIR_SAR_2_a0230103TD5552_030250105T05522_E001 Exclorator Trein (Brancker 2) There is a basischaft grauf (Brancker 2) DS_OFFL_SIR_SAR_2_a0230103TD5529_02520105T05524_E001 Exclorator Trein (Brancker 2) There is a basischaft grauf (Brancker 2) DS_OFFL_SIR_SAR_2_a0230103TD5529_20250407T0 5424_E001 Exclorator Trein (Brancker 2) There is a basischaft grauf (Brancker 2) DS_OFFL_SIR_SAR_2_a0230103TD5529_20250407T0 5424_E001 Exclorator Trein (Brancker 2) There is a basischaft grauf (Brancker 2) DS_OFFL_SIR_SAR_2_a0230103TD5529_20250407T0 5424_E001 Exclorator Trein (Brancker 2) There is a basischaft grauf (Brancker 2) DS_OFFL_SIR_SAR_2_a0230103TD5529_20250407T0 5525_E001 Exclorator Trein (Brancker 2) There is a basischaft grauf (Brancker 2) DS_OFFL_SIR_SAR_2_a0230403TD0404_P007044_E001 Exclorator Trein (Brancker 2) There is a basischaft grauf of brancer 2 and 3 for one or more records DS_OFFL_SIR_SAR_2_a0230403TD	CS_OFFL_SIR_SAR_220230403T002208_20230403T002426_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Decide Fig. Sec. Sec. 2	CS_OFFL_SIR_SAR_220230403T002900_20230403T003031_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS, DFH_SR, SR 2_0020403101101_0_00000001101_000_0001 Bedocate: Enror (Retracker 2) There is a backstate error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SR_2_00204031012016_0020000110403_E001 Bedocate: Enror (Retracker 2) There is a backstate error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SR_2_00204031012016_0020_E001 Bedocate: Enror (Retracker 2) There is a backstate error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SR_2_00204031014035_00204031014039_E001 Bedocate: Enror (Retracker 2) There is a backstate error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SR_2_0020403101403_E001 Bedocate: Enror (Retracker 2) There is a backstate error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SR_2_0020403101403_E001 Bedocate: Enror (Retracker 2) There is a backstate error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SR_2_0020403101403_E001 Bedocate: Enror (Retracker 2) There is a backstate error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SR_2_002040310200_E001 Bedocate: Enror (Retracker 2) There is a backstate error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SR_2_0020403102015_000_E001 Bedocate: Enror (Retracker 2) There is a backstate error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SR_2_0020403102016_0000_E001 Bedocate: Enror (Retracker 2) There is a backstate error for Retrack	CS_OFFL_SIR_SAR_220230403T005329_20230403T010028_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Concent of Section 2010 Biological for the circle for the circle of the ci	CS_OFFL_SIR_SAR_220230403T011123_20230403T011152_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFF_SR_SR_2_202304310120152423_002304371013305_E001 Bockscatter Error (Retracter 2), Bockscatter Error (Retracter 2)	CS_OFFL_SIR_SAR_220230403T011759_20230403T011843_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_2020403101644_20230403101644_E01 Backscatter Error (Retracter 9) There is a backscatter error for Retracter 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230403102628_202304031026241_E001 Backscatter Error (Retracter 2), Backscatter Error (Retracter 3), CS_OFFL_SIR_SAR_2_20220403T02505_E001 Backscatter Error (Retracter 2), Backscatter Error (Retracter 2), Backscatter Error (Retracter 3), Backscatter Error (Retracter 2), Backscatter Error (Retracter 3), DE OFFL_SIR_SAR_2_20220403T030505_E001 Backscatter Error (Retracter 2), Backscatter Error (Retracter 3), Backscatter Error (Retracter 3), DE OFFL_SIR_SAR_2_20220403T030505_E001 Backscatter Error (Retracter 2), Backscatter Error (Retracter 3), Backscatter Error (Retracter 3), DE OFFL_SIR_SAR_2_20220403T030505_E001 Backscatter Error (Retracter 3), Backscatter Error (Retracter 3), DE OFFL_SIR_SAR_2_202204	CS_OFFL_SIR_SAR_220230403T012918_20230403T013358_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SR_SAR_2_202304031015424_202304031015535_E001 Backscatter Error (Rantacker 2), There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SAR_2_202304031020219_20230403102094_E001 Backscatter Error (Rantacker 2), There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SAR_2_202304031020919_20230403102094_E001 Backscatter Error (Rantacker 2), There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SAR_2_202304031020919_20230403102503_E001 Backscatter Error (Rantacker 3), There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SAR_2_202304031020515_20230403102503_E001 Backscatter Error (Rantacker 3), There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SAR_2_202304031025045_202304031025045_E001 Backscatter Error (Rantacker 3), There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SAR_2_202304031025761_202304031025912_E001 Backscatter Error (Rantacker 3), There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SAR_2_202304031032915_20230403103295_E001 Backscatter Error (Rantacker 3), There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SR_SAR_2_202304031032915_20230403103295_E001 Backscatter Error (Rantacker 3), There is a backscatter error for Retracker 2 and 3 for one or more records <t< td=""><td>CS_OFFL_SIR_SAR_220230403T014835_20230403T015424_E001</td><td></td><td>There is a backscatter error for Retracker 2 and 3 for one or more records</td></t<>	CS_OFFL_SIR_SAR_220230403T014835_20230403T015424_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230403T020241_20031020241_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), CS_OFFL_SIR_SAR_2_20230403T0250547_20230403T03254.E001 Backscatter Error (Retracker 3), CS_OFFL_SIR_SAR_2_20230403T0320547_20230403T032959 E001 Backscatter Error (Retracker 3), CS_OFFL_SIR_SAR_2_20230403T032051_20230403T03205_E001 Backscatter Error (Retracker 3), CS_OFFL_SIR_SAR_2_20230403T033205_20230403T033205_E001 Backscatter Error (Retracker 3), CS_OFFL_SIR_SAR_2_20230403T033205_20230403T033205_E001 Backscatter Error (Retracker 3), CS_OFFL_SIR_SAR_2_20230403T033205_20230403T033205_E001 Backscatter Error (Retracker 3), CS_OFFL_SIR_SAR_2_20230403T033205_20230403T033205_E001 Backscatter Error (Retracker 2), CS_OFFL_SIR_SAR_2_20230403T033205_2001 Backscatter Error (Retracker 2), CS_OFFL_SIR_SAR_2_20230403T034108_20230403T034227_E001 Backscatter Error (Retracker 2), CS_OFFL_SIR_SAR_2_	CS_OFFL_SIR_SAR_220230403T015424_20230403T015535_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202304031020841_202304031020841_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_202304031023619_202304031022015_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Bac	CS_OFFL_SIR_SAR_220230403T020229_20230403T020241_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
US_OFFL_SIR_SAR_2_20230403T023619_20230403T023553_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_20230403T023619_20230403T023553_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_20230403T025045_20230403T025056_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_20230403T025751_20230403T025051_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_20230403T025751_20230403T025051_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_20230403T032915_20230403T032959_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_20230403T033051_20230403T033205_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_20230403T033051_20230403T033205_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_20230403T033205_20230403T033205_E001 Backscatter Error (Retracker 2) There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220230403T020818_20230403T020944_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202304031023012_3012_30355_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_202304031025045_202304031025056_E001 Backscatter Error (Retracker 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_202304031025751_202304031025912_E001 Backscatter Error (Retracker 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_202304031032915_202304031032959_E001 Backscatter Error (Retracker 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_202304031033051_202304031033205_E001 Backscatter Error (Retracker 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_202304031033205_202304031033850_E001 Backscatter Error (Retracker 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_202304031034108_202304031034529_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2),	CS_OFFL_SIR_SAR_220230403T021801_20230403T022015_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230403T025051_20230403T0250512_E001 Backscatter Error (Retracker 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_20230403T025751_20230403T025912_E001 Backscatter Error (Retracker 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_20230403T030547_20230403T030726_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_20230403T032915_20230403T032959_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_20230403T032915_20230403T033205_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_20230403T033205_20230403T033205_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_20230403T033205_20230403T033205_E001 Backscatter Error (Retracker 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_20230403T033714_20230403T033205_E001 Backscatter Error (Retracker 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_20230403T034108_20230403T034227_E001 Back	CS_OFFL_SIR_SAR_220230403T023519_20230403T023553_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202304031025751_202304031025912_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_20230403T030547_20230403T030726_E001 Backscatter Error (Retracker 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_20230403T032915_20230403T032959_E001 Backscatter Error (Retracker 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_20230403T033051_20230403T033205_E001 Backscatter Error (Retracker 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_20230403T033205_20230403T033205_E001 Backscatter Error (Retracker 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_20230403T033205_20230403T033501_E001 Backscatter Error (Retracker 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_20230403T034108_20230403T034227_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220230403T025045_20230403T025056_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230403T030947_20230403T030929_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_20230403T032915_20230403T032959_E001 Backscatter Error (Retracker 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_20230403T033205_20230403T033205_E001 Backscatter Error (Retracker 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_20230403T033205_20230403T033501_E001 Backscatter Error (Retracker 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_20230403T033714_20230403T033850_E001 Backscatter Error (Retracker 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_20230403T034108_20230403T034227_E001 Backscatter Error (Retracker 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_20230403T034433_20230403T034529_E001 Backscatter Error (Retracker 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_20230403T034433_20230403T034529_E001 Backscatter Error (Retracker 2),	CS_OFFL_SIR_SAR_220230403T025751_20230403T025912_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202304031032915_20230403103295_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_202304031033051_202304031033205_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_202304031033205_202304031033501_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_202304031033714_202304031033850_E001 Backscatter Error (Retracker 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_202304031034108_202304031034227_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_202304031034433_202304031034227_E001 Backscatter Error (Retracker 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_202304031034433_202304031034529_E001 Backscatter Error (Retracker 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_202304031034433_202304031034529_E001 Backscatter Error (Retracker 2), B	CS_OFFL_SIR_SAR_220230403T030547_20230403T030726_E001	· · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202304031033051_202304031033205_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_20230403T033205_20230403T033501_E001 Backscatter Error (Retracker 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_20230403T033714_20230403T033850_E001 Backscatter Error (Retracker 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_20230403T034108_20230403T034227_E001 Backscatter Error (Retracker 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_20230403T034433_20230403T034529_E001 Backscatter Error (Retracker 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_20230403T034433_20230403T034529_E001 Backscatter Error (Retracker 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_20230403T034433_20230403T034529_E001 Backscatter Error (Retracker 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_20230403T034630_20230403T034620_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_220230403T032915_20230403T032959_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20230403T033205_20230403T033S01_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_20230403T033714_20230403T033850_E001 Backscatter Error (Retracker 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_20230403T034108_20230403T034227_E001 Backscatter Error (Retracker 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_20230403T034433_20230403T034529_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_20230403T034433_20230403T034529_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230403T034433_20230403T034529_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220230403T033051_20230403T033205_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202304031033714_202304031033850_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_20230403T034108_20230403T034227_E001 Backscatter Error (Retracker 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_20230403T034433_20230403T034529_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_20230403T034433_20230403T034529_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_20230403T034433_20230403T034490_E001 Backscatter Error (Retracker 2), Backscatter Error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220230403T033205_20230403T033501_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202304031034108_202304031034227_E001 Backscatter Error (Retracker 3) Inere is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20230403T034433_20230403T034529_E001 Backscatter Error (Retracker 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_20230403T034433_20230403T034529_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220230403T033714_20230403T033850_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202304031034433_202304031034529_E001 Backscatter Error (Retracker 3) 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_220230403T034108_20230403T034227_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
US OFEL SIR SAR 2 202304031034830 202304031034900 F001 I I I I I I I I I I I I I I I I I I	CS_OFFL_SIR_SAR_220230403T034433_20230403T034529_E001	· · · ·	There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_220230403T034830_20230403T034900_E001		There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220230403T041651_20230403T041756_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T043010_20230403T043034_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T045316_20230403T045457_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T050655_20230403T050741_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T050741_20230403T051415_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T051951_20230403T052155_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T055602_20230403T055731_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T060837_20230403T060927_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T061248_20230403T061430_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T064509_20230403T064623_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T064726_20230403T064900_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T064923_20230403T065440_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T070608_20230403T070804_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T073458_20230403T073702_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T074821_20230403T074827_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T081726_20230403T081930_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T082251_20230403T082451_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T082656_20230403T082804_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T082829_20230403T083627_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T091359_20230403T091654_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T092642_20230403T092712_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T093005_20230403T093203_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T093337_20230403T093601_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T095424_20230403T095757_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T100008_20230403T100134_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T100659_20230403T101556_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T101628_20230403T101647_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T101724_20230403T101930_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T102810_20230403T103055_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T105313_20230403T105536_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T110549_20230403T110620_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T111929_20230403T112116_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T113350_20230403T114045_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T114045_20230403T114218_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T114303_20230403T114443_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220230403T114800_20230403T115522_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T115712_20230403T115826_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T123143_20230403T123215_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T124407_20230403T124648_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T124711_20230403T125009_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T132043_20230403T132057_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T132659_20230403T133241_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T133256_20230403T133421_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T133653_20230403T133854_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T133940_20230403T134012_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T135442_20230403T135531_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T141111_20230403T141121_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T142226_20230403T142741_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T145538_20230403T145716_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T145904_20230403T145956_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T150257_20230403T150400_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T150614_20230403T150732_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T150733_20230403T151301_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T153354_20230403T153534_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T155002_20230403T155032_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T163730_20230403T164011_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T164439_20230403T165000_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T165035_20230403T165134_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T170547_20230403T170648_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T172937_20230403T173030_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T174209_20230403T174247_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T182259_20230403T183247_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T190907_20230403T190912_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T192058_20230403T192249_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T200027_20230403T200406_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T200406_20230403T200805_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T200830_20230403T201313_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T201824_20230403T201912_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T203758_20230403T204236_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T204853_20230403T204929_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220230403T205943_20230403T210207_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_220230403T213545_20230403T213619_E001	Backscatter Error (Retracker 3) Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T213737_20230403T213751_E001	Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T213829_20230403T213854_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T213909_20230403T214612_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T214612_20230403T214738_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T214752_20230403T214817_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T214823_20230403T214922_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T215127_20230403T215511_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T215735_20230403T220057_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T222814_20230403T222846_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T223828_20230403T224118_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T231539_20230403T231600_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T231808_20230403T232512_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T232512_20230403T232742_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T232831_20230403T232915_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220230403T232941_20230403T233956_E001	Backscatter Error (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_220230403T001707_20230403T001714_E001	Backscatter Error (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_220230403T002116_20230403T002208_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_220230403T010028_20230403T010303_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_220230403T010456_20230403T010812_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_220230403T010921_20230403T011122_E001	Backscatter Error (Retracker 2)	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230403T014112_20230403T014217_E001	Backscatter Error (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_220230403T015537_20230403T015657_E001	Dackscaller Enor (Reliacker 3), SARIN A-	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_220230403T020014_20230403T020229_E001	track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230403T023554_20230403T024152_E001	track Angle Error Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230403T024411_20230403T024447_E001		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230403T024907_20230403T025045_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_220230403T032959_20230403T033051_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_220230403T033501_20230403T033714_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_220230403T033850_20230403T034108_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_220230403T035130_20230403T035252_E001	Backscatter Error (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_220230403T035741_20230403T040117_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_220230403T041756_20230403T041942_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_220230403T042815_20230403T043010_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_220230403T045457_20230403T045821_E001	SARIn X-track Angle Error, Surface model unavailable	I 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_220230403T045906_20230403T050021_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_220230403T051415_20230403T051906_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_220230403T055731_20230403T055853_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_220230403T060045_20230403T060140_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230403T060621_20230403T060837_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_220230403T064623_20230403T064726_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_220230403T064900_20230403T064923_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_220230403T065441_20230403T070555_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_220230403T073702_20230403T073823_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error Backscatter Error (Retracker 2)	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230403T073837_20230403T074059_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_220230403T074653_20230403T074821_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_220230403T082535_20230403T082544_E001	Backscatter Error (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_220230403T082805_20230403T082829_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_220230403T083627_20230403T083741_E001	Backscatter Error (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_220230403T083802_20230403T083932_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_220230403T091654_20230403T092007_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_220230403T092526_20230403T092642_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_220230403T095757_20230403T095839_E001	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_220230403T100134_20230403T100301_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_220230403T101557_20230403T101628_E001	Backscatter Error (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_220230403T101648_20230403T101724_E001	Backscatter Error (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_220230403T105536_20230403T105855_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_220230403T110424_20230403T110549_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_220230403T114218_20230403T114303_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_220230403T114443_20230403T114800_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_220230403T123215_20230403T123400_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_220230403T124226_20230403T124406_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_220230403T132057_20230403T132231_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_220230403T132602_20230403T132659_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_220230403T133241_20230403T133256_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the
CS_OFFL_SIR_SIN_220230403T141121_20230403T141303_E001	unavailable Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	location for one or more records 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_220230403T142013_20230403T142226_E001	 track Angle Error 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 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X-	was detected for SARIn mode for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was
CS_OFFL_SIR_SIN_220230403T145956_20230403T150257_E001	track Angle Error, Surface model unavailable Backscatter Error (Retracker 2),	detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records There is a backscatter error for Retracker 2 and 3, an ambiguous angle was
CS_OFFL_SIR_SIN_220230403T150400_20230403T150614_E001	Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model unavailable	detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220230403T155032_20230403T155220_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_220230403T155905_20230403T160356_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_220230403T160401_20230403T160430_E001	Backscatter Error (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_220230403T162743_20230403T162905_E001	Backscatter Error (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_220230403T164042_20230403T164439_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_220230403T165000_20230403T165035_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_220230403T165937_20230403T170035_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230403T170113_20230403T170453_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_220230403T173030_20230403T173302_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_220230403T174015_20230403T174209_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_220230403T181148_20230403T182259_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_220230403T184129_20230403T184240_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_220230403T190912_20230403T191046_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_220230403T191927_20230403T192058_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_220230403T195648_20230403T195845_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_220230403T195903_20230403T200027_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_220230403T200805_20230403T200830_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_220230403T204929_20230403T205046_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_220230403T205626_20230403T205718_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230403T205828_20230403T205943_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_220230403T213619_20230403T213737_E001	Backscatter Error (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_220230403T213752_20230403T213829_E001	Backscatter Error (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_220230403T213854_20230403T213909_E001	Backscatter Error (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_220230403T214738_20230403T214752_E001	Backscatter Error (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_220230403T214817_20230403T214823_E001	Backscatter Error (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_220230403T215018_20230403T215120_E001	Backscatter Error (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_220230403T222846_20230403T223011_E001	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220230403T223521_20230403T223828_E001	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records