

QA4EO Daily Report for OFFLINE data:

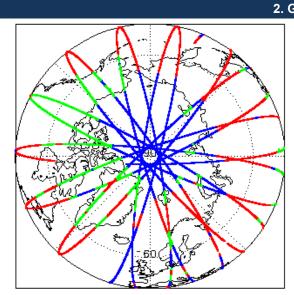
<u>13/08/2022</u>

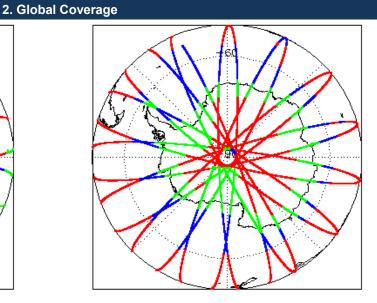
IDEAS-QA4E0

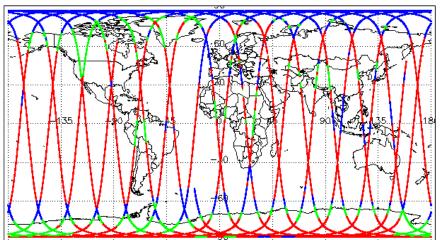
1. Overviev	w

Report Production Date:	12-Sep-2022	Check	Status
Report Production Date.	12-3ep-2022	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
Processor Used.	CryoSat ice Processor	Product Software Check	Nominal
Data Used:	L1B and L2 OFFLINE Data	Product Format Check	Nominal
Data Oseu.	LIB and L2 OFFLINE Data	Product Header Analysis	Nominal
		Star Tracker Usage Check	Nominal
		L1B Tracking Flag Check	See Section 4.4
		L1B Calibration Usage Check	Nominal
		L1B & L2 Auxiliary Data File Usage Check	Nominal
		L1B & L2 Auxiliary Correction Error Check	See Section 5.4
		L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5
		QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3

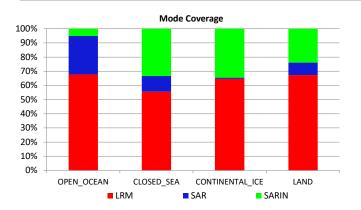
Mission / Instru	ument News
12-Aug-2022	None
13-Aug-2022	None
14-Aug-2022	Nothing planned

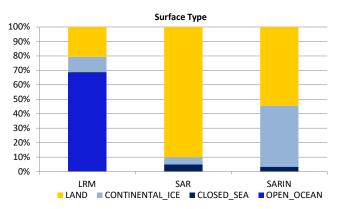






Mode Coverage (%) LRM 67.1 SAR 20.3 SARIn 12.6





3. Instrument Configuration

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

SIRAL - A

SIRAL instrument(s) in use:

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

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

4.3 Star Tracker Usage Check

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

Number of products with errors:

4.4 L1B Tracking Flags Check

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

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

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Number of products with errors:

CS_OFFL_SIR_LRM_1B_20220813T000344_20220813T002933_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220813T003751_20220813T004017_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220813T004836_20220813T010104_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220813T013249_20220813T013540_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220813T013543_20220813T0135451_E001Loss of echoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_LRM_1B_20220813T013543_20220813T0135451_E001Loss of echoThe tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T004836_20220813T010104_E001 Loss of echo The tracking echo is missing for one or more records CS_OFFL_SIR_LRM_1B_20220813T013249_20220813T013540_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T013249_20220813T013540_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T013543_20220813T013851_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T014227_20220813T015158_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T015402_20220813T020839_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T022602_20220813T023722_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T023725_20220813T023734_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T023737_20220813T023740_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T023742_20220813T023751_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T024232_20220813T025531_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T025650_20220813T025857_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T031139_20220813T031549_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T031628_20220813T031735_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T031737_20220813T032509_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T040335_20220813T042903_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T042956_20220813T043646_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T043810_20220813T043906_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T045020_20220813T045625_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T045627_20220813T045650_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T045723_20220813T045724_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T045727_20220813T045749_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T045919_20220813T050017_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T050259_20220813T052357_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T054212_20220813T061001_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T063118_20220813T063648_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T063755_20220813T063917_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T063920_20220813T063930_E001 Loss of echo The tracking echo is missing for one or more records
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CS_OFFL_SIR_LRM_1B_20220813T064049_20220813T064109_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T064113_20220813T064116_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T064118_20220813T064152_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T064154_20220813T070558_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T071421_20220813T071750_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T080715_20220813T081159_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T081211_20220813T081435_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T081508_20220813T081546_E001 Loss of echo The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20220813T081736_20220813T081801_E001 Loss of echo The tracking echo is missing for one or more records

CS OFFL SIR LRM 1B 20220813T081804 20220813T081850 E001 CS OFFL SIR LRM 1B 20220813T082032 20220813T082206 E001 CS OFFL SIR LRM 1B 20220813T082312 20220813T082613 E001 CS_OFFL_SIR_LRM_1B_20220813T082752_20220813T082808_E001 CS OFFL SIR LRM 1B 20220813T083138 20220813T083813 E001 CS_OFFL_SIR_LRM_1B_20220813T084917_20220813T085446_E001 CS OFFL SIR LRM 1B 20220813T090159 20220813T093650 E001 CS OFFL SIR LRM 1B 20220813T095054 20220813T095119 E001 CS_OFFL_SIR_LRM_1B_20220813T095341 20220813T095440 E001 CS OFFL SIR LRM 1B 20220813T095807 20220813T100434 E001 CS OFFL SIR LRM 1B 20220813T102838 20220813T103344 E001 CS_OFFL_SIR_LRM_1B_20220813T104047_20220813T111624_E001 CS_OFFL_SIR_LRM_1B_20220813T121056_20220813T121249_E001 CS_OFFL_SIR_LRM_1B_20220813T122035_20220813T123200_E001 CS OFFL SIR LRM 1B 20220813T123322 20220813T123437 E001 CS_OFFL_SIR_LRM_1B_20220813T123442_20220813T123527_E001 CS_OFFL_SIR_LRM_1B_20220813T123530_20220813T123710_E001 CS_OFFL_SIR_LRM_1B_20220813T124152_20220813T125616_E001 CS_OFFL_SIR_LRM_1B_20220813T132806_20220813T134225_E001 CS_OFFL_SIR_LRM_1B_20220813T134955_20220813T135200_E001 CS_OFFL_SIR_LRM_1B_20220813T135933_20220813T141202_E001 CS_OFFL_SIR_LRM_1B_20220813T141618_20220813T142540_E001 CS OFFL SIR LRM 1B 20220813T142755 20220813T143557 E001 CS_OFFL_SIR_LRM_1B_20220813T144811_20220813T150506_E001 CS OFFL SIR LRM 1B 20220813T155823 20220813T160257 E001 CS_OFFL_SIR_LRM_1B_20220813T160643_20220813T160725_E001 CS_OFFL_SIR_LRM_1B_20220813T160800_20220813T160820_E001 CS OFFL SIR LRM 1B 20220813T160822 20220813T160823 E001 CS OFFL SIR LRM 1B 20220813T160826 20220813T160842 E001 CS OFFL SIR LRM 1B 20220813T160845 20220813T160849 E001 CS OFFL SIR LRM 1B 20220813T160851 20220813T161502 E001 CS_OFFL_SIR_LRM_1B_20220813T162749_20220813T163625_E001 CS OFFL SIR LRM 1B 20220813T163705 20220813T170311 E001 CS_OFFL_SIR_LRM_1B_20220813T170925_20220813T171440_E001 CS OFFL SIR LRM 1B 20220813T174459 20220813T174514 E001 CS_OFFL_SIR_LRM_1B_20220813T174558_20220813T175156_E001 CS OFFL SIR LRM 1B 20220813T175156 20220813T175319 E001 CS_OFFL_SIR_LRM_1B_20220813T181406_20220813T181410_E001 CS_OFFL_SIR_LRM_1B_20220813T181412 20220813T181413 E001 CS OFFL SIR LRM 1B 20220813T181419 20220813T181514 E001 CS OFFL SIR LRM 1B 20220813T181517 20220813T181521 E001 CS OFFL SIR LRM 1B 20220813T181523 20220813T181533 E001 CS_OFFL_SIR_LRM_1B_20220813T185810_20220813T192536_E001 CS_OFFL_SIR_LRM_1B_20220813T192540_20220813T192551_E001 CS OFFL SIR LRM 1B 20220813T192555 20220813T192557 E001 CS_OFFL_SIR_LRM_1B_20220813T192559_20220813T192601_E001 CS_OFFL_SIR_LRM_1B_20220813T192604_20220813T192609_E001 CS_OFFL_SIR_LRM_1B_20220813T192611_20220813T192833_E001 CS_OFFL_SIR_LRM_1B_20220813T192907_20220813T193603_E001 CS_OFFL_SIR_LRM_1B_20220813T204411_20220813T205344_E001 CS_OFFL_SIR_LRM_1B_20220813T205406_20220813T205906_E001 CS_OFFL_SIR_LRM_1B_20220813T210516_20220813T210631_E001 CS OFFL SIR LRM 1B 20220813T210643 20220813T210711 E001 CS_OFFL_SIR_LRM_1B_20220813T210711_20220813T210812_E001 CS OFFL SIR LRM 1B 20220813T211050 20220813T211104 E001 CS_OFFL_SIR_LRM_1B_20220813T212701_20220813T213603_E001 CS OFFL SIR LRM 1B 20220813T223723 20220813T224121 E001 CS_OFFL_SIR_LRM_1B_20220813T224123_20220813T224150_E001 CS_OFFL_SIR_LRM_1B_20220813T224152_20220813T224209_E001 CS_OFFL_SIR_LRM_1B_20220813T224256_20220813T224430_E001 CS_OFFL_SIR_LRM_1B_20220813T230342_20220813T233846_E001

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The tracking echo is missing for one or more records 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.

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

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.

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: 6

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20220813T013543_20220813T013851_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20220813T042956_20220813T043646_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20220813T081211_20220813T081435_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20220813T122035_20220813T123200_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20220813T192907_20220813T193603_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20220813T204411_20220813T205344_E001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors:
0

5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0

5.4 L2 Auxiliary Correction Error Check

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

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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:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220220813T152752_20220813T153606_E001	Slope model	There is an error with the Slope Model for one or more records
CS_OFFL_SIR_SAR_220220813T000205_20220813T000343_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_220220813T002933_20220813T003042_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_220220813T003732_20220813T003737_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_220220813T003744_20220813T003750_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_220220813T004204_20220813T004835_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_220220813T010105_20220813T010149_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_220220813T014029_20220813T014226_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_220220813T015159_20220813T015402_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_220220813T020840_20220813T020950_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_220220813T021630_20220813T021636_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records falls outside of the extent of the current snow depth model
CS_OFFL_SIR_SAR_2_20220813T021644_20220813T021649_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records fails outside of the extent of the current snow depth model

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Style	CS_OFFL_SIR_SAR_220220813T022057_20220813T022330_E001	Snow depth model	
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Gene, Sex Gene Action None option model None is not on the disc of legit on th	CS_OFFL_SIR_SAR_2_20220813T032509_20220813T033218_E001	Snow depth model	There is an error with the Snow Depth value, where one or more records
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5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
	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_220220813T000344_20220813T002933_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
	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_220220813T010149_20220813T011857_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
		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_220220813T015402_20220813T020839_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_220220813T022602_20220813T023722_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_220220813T024232_20220813T025531_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_220220813T025650_20220813T025857_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 , a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220813T031737_20220813T032509_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220813T033325_20220813T034723_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20220813T040335_20220813T042903_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_220220813T050259_20220813T052357_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_220220813T054212_20220813T061001_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_220220813T064154_20220813T070558_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_220220813T072221_20220813T075556_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_220220813T080715_20220813T081159_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_220220813T090159_20220813T093650_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_220220813T094652_20220813T094915_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_220220813T100659_20220813T102324_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_220220813T104047_20220813T111624_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_220220813T112644_20220813T112806_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_220220813T113838_20220813T120119_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_220220813T122035_20220813T123200_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_220220813T123322_20220813T123437_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_220220813T123442_20220813T123527_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_220220813T123530_20220813T123710_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_220220813T124152_20220813T125616_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_220220813T130848_20220813T132609_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_220220813T132806_20220813T134225_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_220220813T135933_20220813T141202_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_220220813T141321_20220813T141417_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_220220813T141618_20220813T142540_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_220220813T144811_20220813T150506_E001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 , a height error for Retracker 3 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220813T151035_20220813T152315_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_220220813T155823_20220813T160257_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_220220813T160851_20220813T161502_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220220813T162749_20220813T163625_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records

CS_OFFL_SIR_LRM_2_20220813T163705_20220813T170311_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T171933_20220813T174234_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T181335_20220813T184140_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T185810_20220813T192536_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T192807_20220813T192806_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T192807_20220813T192806_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T192806_20220813T292001_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 and a height Error (Retracker 2), Backscatter CS_OFFL_SIR_LRM_2_20220813T21270_2020813T21502_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 and a height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatt
CS_OFFL_SIR_LRM_2_20220813T181535_20220813T184149_E001 Enor (Retracker 2) records CS_OFFL_SIR_LRM_2_20220813T181535_20220813T184149_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or mc records CS_OFFL_SIR_LRM_2_20220813T185810_20220813T192536_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or mc records CS_OFFL_SIR_LRM_2_20220813T192907_20220813T193603_E001 (Retracker 3), Backscatter Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 and a height (Retracker 3), Backscatter Error (Retracker 2), CR (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or mc records CS_OFFL_SIR_LRM_2_20220813T211210_20220813T211512_E001 Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter error for Retracker 2 for one or mc records CS_OFFL_SIR_LRM_2_20220813T212701_20220813T213603_E001 Height Error (Retracker 2), Height Error (Retracker 3), Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error for Retracker 2 and a height (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Error (Retracker 4), Backscatter error for Retracker 2 and a height (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), CS_OFFL_SIR_LRM_2_20220813T213701_20220813T22005_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), CS_OFFL_SIR_LRM_2_20220813T22356_E001 Height Error (Retracker 2), Backscatter error for Re
CS_OFFL_SIR_LRM_2_20220813T18530_20220813T192536_E001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20220813T185810_20220813T192536_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T192007_20220813T192636_E001 Height Error (Retracker 2), Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 and a height for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20220813T192807_20220813T21202001_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T211210_20220813T211512_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T21210_20220813T211512_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T212701_20220813T213603_E001 (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T223046_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T223042_20220813T223366_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error fo
CS_OFFL_SIR_LRM_2_20220813T192807_20220813T193603_E001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20220813T192907_20220813T193603_E001 Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Error (Retrac
CS_OFFL_SIR_LRM_2_20220813T192907_20220813T193603_E001 (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Gackscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T225159_20220813T225234_E001 Height Error (Retracker 2), Backscatter Error (Retra
CS_OFFL_SIR_LRM_2_20220813T211210_20220813T211512_E001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20220813T211210_20220813T211512_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T212001_20220813T213603_E001 Height Error (Retracker 2), Height Error (Retracker 2), Sackscatter Error (Retracker 2), Sackscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and a height for Retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20220813T213848_20220813T220005_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T221749_20220813T223356_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T225159_20220813T225234_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T2230342_20220813T225234_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_SAR_2_20220813T2030342_20220813T2030342_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_SAR_2_20220813T2030342_20220813T000343_E001 Backscatter Error (Retracker 3) There is a height and backscatter error for Ret
CS_OFFL_SIR_LRM_2_202208131211210_202208131211312_E001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20220813T212701_20220813T213603_E001 Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Error (Retracker 2), Backscatter Error (Retracker 3), Er
CS_OFFL_SIR_LRM_2_20220813T212701_20220813T213603_E001 (Retracker 3), Backscatter Error (Retracker 2) Interest a height and backscatter error for Retracker 2 and a height of retracker 3 for one or more records CS_OFFL_SIR_LRM_2_20220813T213848_20220813T220005_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T221749_20220813T223356_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T225159_20220813T225234_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T225159_20220813T225234_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T230342_20220813T2233846_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_SAR_2_20220813T000205_20220813T000343_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220813T000205_20220813T000343_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220813T002933_20220813T003042_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_LRM_2202208131213948_202208131220005_E001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20220813T221749_20220813T223356_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T225159_20220813T225234_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T220342_20220813T233846_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_SAR_2_20220813T000205_20220813T000343_E001 Backscatter Error (Retracker 2), Backscatter There is a backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220813T002033_20220813T003042_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220813T002033_20220813T003042_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220813T002933_20220813T003042_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more re Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_LRM_2_20220813T225159_20220813T225234_E001 Error (Retracker 2) records CS_OFFL_SIR_LRM_2_20220813T225159_20220813T225234_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20220813T230342_20220813T233846_E001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_SAR_2_20220813T000205_20220813T000343_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more records CS_OFFL_SIR_SAR_2_20220813T000205_20220813T003042_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re CS_OFFL_SIR_SAR_2_20220813T002933_20220813T003042_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more re Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_LRM_2202208131230342_202208131223344_E001 Error (Retracker 2) records CS_OFFL_SIR_LRM_220220813T230342_20220813T233846_E001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_SAR_2_20220813T000205_20220813T000343_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more re CS_OFFL_SIR_SAR_2_20220813T00205_20220813T003042_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more re CS_OFFL_SIR_SAR_2_20220813T002933_20220813T003042_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more re Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) CS_OFFL_SIR_SAR_2_20220813T002933_20220813T003042_E001 Backscatter Error (Retracker 2), Backscatter error for Retracker 2 and 3 for one or more re Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_LRM_2_202208131200342_202208131000343_E001 Error (Retracker 2) records CS_OFFL_SIR_SAR_2_20220813T000205_20220813T000343_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re CS_OFFL_SIR_SAR_2_20220813T002933_20220813T003042_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 re
CS_OFFL_SIR_SAR_2202208131000205_202208131000343_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backsc
CS_OFFL_SIK_SAK_2202208131002933_202208131003042_E001 Backscatter Error (Retracker 3) Backscatter Error (Retracker 2)
Backscatter Error (Retracker 2),
CS_OFFL_SIR_SAR_2_20220813T004204_20220813T004835_E001 Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T010105_20220813T010149_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T012532_20220813T013058_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T013149_20220813T013248_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T014029_20220813T014226_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T015159_20220813T015402_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T020840_20220813T020950_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T022057_20220813T022330_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T022451_20220813T022601_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T030206_20220813T030223_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T030434_20220813T031138_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T032509_20220813T033218_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T033219_20220813T033325_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T034724_20220813T034841_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T040128_20220813T040334_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T042903_20220813T042956_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T044258_20220813T044807_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T044842_20220813T045020_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T052357_20220813T052446_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re
CS_OFFL_SIR_SAR_2_20220813T052620_20220813T052851_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more re

CS_OFFL_SIR_SAR_220220813T054031_20220813T054211_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T062026_20220813T062813_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T062813_20220813T062827_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T062849_20220813T063118_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T070559_20220813T070750_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T071930_20220813T072221_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T075905_20220813T080636_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T080655_20220813T080715_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T081547_20220813T081734_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T081859_20220813T081919_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T081921_20220813T082032_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T083813_20220813T084104_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T084227_20220813T084426_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T084431_20220813T084756_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T085802_20220813T090159_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T093650_20220813T094436_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T094437_20220813T094559_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T095119_20220813T095335_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T095600_20220813T095806_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T102324_20220813T102723_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T103700_20220813T104047_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T111625_20220813T112336_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T112336_20220813T112643_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T112807_20220813T113837_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T120120_20220813T120818_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T121834_20220813T122035_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T123201_20220813T123321_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T123711_20220813T124152_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T125616_20220813T130227_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T130227_20220813T130336_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T132609_20220813T132802_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T134226_20220813T134349_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T134453_20220813T134637_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T135840_20220813T135933_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220220813T141202_20220813T141320_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T141418_20220813T141618_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T143557_20220813T143805_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T143809_20220813T143915_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T143915_20220813T144247_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T144544_20220813T144728_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T152315_20220813T152551_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T153754_20220813T153917_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T155423_20220813T155649_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T155701_20220813T155823_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T161502_20220813T161631_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T161632_20220813T162202_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T163626_20220813T163704_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T170311_20220813T170524_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T171717_20220813T171932_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T175319_20220813T175522_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T175613_20220813T175657_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T175719_20220813T180220_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T184149_20220813T184445_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T185620_20220813T185810_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T193603_20220813T194421_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T202001_20220813T202435_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T203446_20220813T203716_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_0FFL_SIR_SAR_220220813T204120_20220813T204410_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T210141_20220813T210516_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T210812_20220813T211050_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T211512_20220813T212317_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T213604_20220813T213848_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T220005_20220813T220340_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T221342_20220813T221748_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T224210_20220813T224256_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T224431_20220813T224757_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T224757_20220813T225158_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T225235_20220813T225321_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220220813T225554_20220813T230342_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220220813T233846_20220813T234039_E001	Backscatter Error (Retracker 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_20220813T235227_20220813T235806_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SIN_2_20220813T003043_20220813T003205_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220220813T004017_20220813T004204_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220220813T011857_20220813T012033_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220220813T012051_20220813T012259_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220813T012429_20220813T012532_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220220813T013058_20220813T013149_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220220813T013851_20220813T014029_E001	Backscatter Error (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_220220813T020950_20220813T021133_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_220220813T021701_20220813T021708_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220813T021829_20220813T022057_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220220813T022330_20220813T022450_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220220813T025532_20220813T025649_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_220220813T025857_20220813T030206_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_220220813T030224_20220813T030434_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X track Angle Error, Surface model unavailable Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220220813T034841_20220813T035059_E001	Backscatter Error (Retracker 3), SARIn > 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_220220813T035616_20220813T035623_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220813T035735_20220813T040127_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220220813T043906_20220813T044257_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220220813T044807_20220813T044841_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220220813T045750_20220813T045919_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_220220813T050017_20220813T050259_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_220220813T052851_20220813T053122_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220220813T053459_20220813T053506_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220813T053848_20220813T054031_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220220813T061002_20220813T062025_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220220813T062828_20220813T062848_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_220220813T070750_20220813T070917_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > 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_220220813T071414_20220813T071421_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220813T071750_20220813T071930_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn > track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records

CS_OFFL_SIR_SIN_2_20220813T075557_20220813T075710_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_220220813T075752_20220813T075905_E001	Backscatter Error (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_220220813T080636_20220813T080655_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_2_20220813T084757_20220813T084916_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_220220813T085446_20220813T085802_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_220220813T094600_20220813T094652_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_220220813T094915_20220813T094935_E001	Backscatter Error (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_220220813T094940_20220813T095054_E001	Backscatter Error (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_220220813T100435_20220813T100659_E001	Backscatter Error (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_220220813T102724_20220813T102838_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_220220813T103344_20220813T103700_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_220220813T120819_20220813T121056_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_220220813T121249_20220813T121834_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_220220813T130336_20220813T130456_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_220220813T130729_20220813T130847_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_220220813T134349_20220813T134453_E001	Backscatter Error (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_220220813T134637_20220813T134954_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_220220813T135201_20220813T135255_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220813T135703_20220813T135839_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_220220813T142541_20220813T142754_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_220220813T143805_20220813T143809_E001	Backscatter Error (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_220220813T144248_20220813T144354_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_220220813T144447_20220813T144543_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_220220813T144728_20220813T144811_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_0FFL_SIR_SIN_220220813T150507_20220813T151034_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_220220813T152552_20220813T152752_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_220220813T153606_20220813T153754_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_220220813T160257_20220813T160643_E001	SARIn X-track Angle Error, Surface model unavailable	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
CS_OFFL_SIR_SIN_2_20220813T170525_20220813T170642_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_220220813T170846_20220813T170925_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220813T171441_20220813T171717_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

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CS_OFFL_SIR_SIN_220220813T174519_20220813T174558_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_220220813T175522_20220813T175552_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_220220813T175657_20220813T175718_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_220220813T180221_20220813T181406_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_220220813T184445_20220813T184606_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_220220813T184659_20220813T184851_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220220813T185456_20220813T185620_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_220220813T194422_20220813T194805_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_220220813T202435_20220813T202801_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_220220813T203328_20220813T203445_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error	There is a backscatter error for Retracker 2 and 3 and an ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20220813T211104_20220813T211151_E001	Backscatter Error (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_220220813T211200_20220813T211210_E001	Backscatter Error (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_220220813T212317_20220813T212548_E001	Backscatter Error (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_220220813T212608_20220813T212700_E001	Backscatter Error (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_220220813T220340_20220813T220700_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_220220813T221219_20220813T221342_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_220220813T223356_20220813T223722_E001	Backscatter Error (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_220220813T225322_20220813T225554_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_220220813T234040_20220813T234226_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_220220813T235109_20220813T235226_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