

# QA4EO Daily Report for OFFLINE data:

29/08/2021

		1. Overview	
oort Production Date:	20-Son 2021	Check	Status
Dont Production Date:	29-Sep-2021	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
		Product Software Check	Nominal
Data Used:	L1B and L2 OFFLINE Data	Product Format Check Product Header Analysis	Nominal See Section 5.2
		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	See Section 4.6, 5.3 and 6.3
		L1B & L2 Auxiliary Correction Error Check	Nominal
		L1B & L2 Measurement Confidence Data Check	See Section 4.8 and 5.5
n / Instrument News		QCC Errors/ Warnings	See Section 6.1, 6.2 and 6.3
ug-2021 None ug-2021 None			
ug-2021 Nothing planned			
		2. Global Coverage	
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			Mode Coverage (%)
		A A A A	Mode Coverage (%)
			LRM 67.1
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			LRM 67.1 SAR 19.3
35			LRM 67.1 SAR 19.3
			LRM 67.1 SAR 19.3
			LRM 67.1 SAR 19.3
35	Mode Coverage		LRM 67.1 SAR 19.3
	Mode Coverage		LRM 67.1 SAR 19.3 SARIn 13.6
%	Mode Coverage	90%	LRM 67.1 SAR 19.3 SARIn 13.6
	Mode Coverage	90% 80%	LRM 67.1 SAR 19.3 SARIn 13.6
% %	Mode Coverage	90% 80% 80% 70% 80%	LRM 67.1 SAR 19.3 SARIn 13.6
% % %	Mode Coverage	90%	LRM 67.1 SAR 19.3 SARIn 13.6
% % % %	Mode Coverage	90% 80% 70% 60% 50%	LRM 67.1 SAR 19.3 SARIn 13.6
% % % %	Mode Coverage	90% 80% 70% 60% 50% 40%	LRM 67.1 SAR 19.3 SARIn 13.6
%	Mode Coverage	90% 80% 70% 60% 50% 40% 30%	LRM 67.1 SAR 19.3 SARIn 13.6
%	Mode Coverage	90% 80% 70% 60% 50% 40% 30% 20%	LRM 67.1 SAR 19.3 SARIn 13.6
%	Mode Coverage	90% 80% 70% 60% 50% 40% 30%	LRM 67.1 SAR 19.3 SARIn 13.6

## 3. Instrument Configuration

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

SIRAL - A

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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.

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.

#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20210829T011626_20210829T012342_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T012416_20210829T012455_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T012652_20210829T012757_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T012931_20210829T013016_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T013020_20210829T013616_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T013659_20210829T013715_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T014050_20210829T014220_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T014224_20210829T014659_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T025928_20210829T025941_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T030319_20210829T030349_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T030726_20210829T030748_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T030805_20210829T031001_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T031145_20210829T031436_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T033742_20210829T034250_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T034952_20210829T042523_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T051957_20210829T052154_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T052940_20210829T054332_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T055058_20210829T060011_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T060013_20210829T060528_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T063713_20210829T065115_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T065904_20210829T070106_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T070836_20210829T072325_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T072527_20210829T073450_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T073731_20210829T074506_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T075628_20210829T081354_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T082046_20210829T082258_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T082300_20210829T082336_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T082340_20210829T082427_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T091049_20210829T091218_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T091557_20210829T091645_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T091659_20210829T091712_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T091718_20210829T091725_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T091728_20210829T091736_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T091740_20210829T091821_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T091823_20210829T092448_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T093706_20210829T101213_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T101823_20210829T102356_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T105548_20210829T110058_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T111530_20210829T111618_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T112317_20210829T112324_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T112326_20210829T112329_E001	Loss of echo	The tracking echo is missing for one or more records

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CS_OFFL_SIR_LRM_1B_20210829T112332_20210829T112344_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T112346_20210829T115102_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T120718_20210829T123407_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T123411_20210829T123458_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T123500_20210829T123501_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T123505_20210829T123739_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T123813_20210829T124509_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T135341_20210829T140135_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T140258_20210829T140811_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T141341_20210829T141449_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T141540_20210829T141615_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T141616_20210829T141723_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T142023_20210829T142030_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T154630_20210829T155123_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T155155_20210829T155336_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T161250_20210829T163519_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T163548_20210829T164751_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T165629_20210829T170024_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T175108_20210829T180551_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T181032_20210829T181152_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T181155_20210829T181441_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T181524_20210829T182726_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T184547_20210829T185849_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T190103_20210829T191841_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T193042_20210829T193706_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T194027_20210829T195052_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T202550_20210829T202803_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T203056_20210829T203456_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T204008_20210829T204013_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T204023_20210829T204047_E001	Loss of echo	The tracking echo is missing for one or more records
CS OFFL SIR LRM 1B 202108297204049 202108297204055 E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_202108291204057_202108291204058_E001	Loss of echo	The tracking echo is missing for one or more records
		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T204101_20210829T204104_E001	Loss of echo	
CS_OFFL_SIR_LRM_1B_20210829T204107_20210829T204126_E001		The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T204140_20210829T204443_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T204606_20210829T205316_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T210914_20210829T211758_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T212131_20210829T212137_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T212140_20210829T212147_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T212150_20210829T212423_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T220118_20210829T222342_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T222348_20210829T222609_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T222612_20210829T223439_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T223601_20210829T223646_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T224923_20210829T225023_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T225145_20210829T225623_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T230034_20210829T232417_E001	Loss of echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_LRM_1B_20210829T233301_20210829T233626_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

## 4.7 L1B Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag (field 54) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

0

### 4.8 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag (field 18) 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.

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Phase Perturbation 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.

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20210829T030240_20210829T030246_E001	IECDO error IEK 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_20210829T210914_20210829T211758_E001		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

Number of products with errors:

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

Number of products with errors:

#### 5.2 L2 Product Header Analysis

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

Number of products with errors:

#### 5.3 L2 Auxiliary Data File Usage Check

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

#### 5.4 L2 Auxiliary Correction Error Check

CryoSat L2 data includes a correction error flag (field 30) for each measurement record. The bit value of this flag indicates any problems when set.

#### Number of products with errors:

#### 5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a quality flag (field 50) 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.

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.

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.

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.

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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220210828T234854_20210829T001459_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_220210829T003106_20210829T010452_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_220210829T011626_20210829T012342_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_220210829T013020_20210829T013616_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_220210829T015010_20210829T015407_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_220210829T021119_20210829T024709_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_220210829T025603_20210829T025809_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_220210829T031623_20210829T033223_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_220210829T034952_20210829T042523_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_220210829T044730_20210829T045159_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_220210829T045247_20210829T051024_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_220210829T052940_20210829T054332_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_220210829T054453_20210829T054616_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_220210829T055058_20210829T060011_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_220210829T060013_20210829T060528_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_220210829T061741_20210829T063541_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_220210829T063713_20210829T065115_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_220210829T070836_20210829T072325_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_220210829T072527_20210829T073450_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_220210829T073731_20210829T074506_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220210829T075527_20210829T075620_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_220210829T075628_20210829T081354_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_220210829T082046_20210829T082258_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_220210829T082300_20210829T082336_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_220210829T082340_20210829T082427_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_220210829T091557_20210829T091645_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220210829T093706_20210829T101213_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_220210829T102838_20210829T105144_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_220210829T112346_20210829T115102_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_220210829T120718_20210829T123407_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_220210829T123813_20210829T124509_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_220210829T125733_20210829T132851_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_220210829T134621_20210829T135026_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_220210829T143620_20210829T150909_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_220210829T161250_20210829T163519_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_220210829T163548_20210829T164751_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_220210829T170530_20210829T173912_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_220210829T175108_20210829T180551_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_220210829T181032_20210829T181152_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_220210829T181155_20210829T181441_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_220210829T181524_20210829T182726_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_220210829T184547_20210829T185849_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_220210829T190103_20210829T191841_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_220210829T193042_20210829T193706_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220210829T194027_20210829T195052_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_220210829T195232_20210829T200620_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_220210829T203056_20210829T203456_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_220210829T204140_20210829T204443_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_220210829T204606_20210829T205316_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_220210829T205439_20210829T205649_E001	Height Error (Retracker 2), Backscatter Error (Retracker 2), Surface model unavailable	There is a height and backscatter error for Retracker 2 and no DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220210829T210914_20210829T211758_E001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220210829T212454_20210829T214454_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_220210829T220118_20210829T222342_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_220210829T224923_20210829T225023_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_220210829T230034_20210829T232417_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_220210829T234011_20210830T001216_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_SAR_220210829T001459_20210829T001651_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T002833_20210829T003106_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T010809_20210829T011541_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T011606_20210829T011626_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T012455_20210829T012652_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T012757_20210829T012930_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T014700_20210829T015010_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T015408_20210829T015704_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T020713_20210829T021119_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T024710_20210829T025345_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220210829T025345_20210829T025508_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T025941_20210829T030240_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T030453_20210829T030726_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T030748_20210829T030805_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T033224_20210829T033624_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T034603_20210829T034952_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T042524_20210829T043245_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T043245_20210829T043525_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T043715_20210829T044730_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T051024_20210829T051720_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T052729_20210829T052940_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T054333_20210829T054453_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T054617_20210829T055057_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T060529_20210829T060653_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T060720_20210829T061138_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T061138_20210829T061247_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T063541_20210829T063713_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T065115_20210829T065628_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T070746_20210829T070836_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T072325_20210829T072526_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T074506_20210829T074636_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T074636_20210829T075154_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T075620_20210829T075628_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T083214_20210829T083403_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T083420_20210829T083449_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T084659_20210829T084816_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T090234_20210829T090833_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T090833_20210829T091049_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T092449_20210829T093111_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T101214_20210829T101359_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T102622_20210829T102838_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records

DELEPTLINE_USER_LODINGET INFOLUNCTION         Percentage 2010         Percentage 2010         Percentage 2010           DELEPTLINE_USER_LODINGET INFOLUNCTION         December 2010         Percentage 2010	CS_OFFL_SIR_SAR_220210829T110227_20210829T110442_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CLUMENDAME         CLUMEND	CS_OFFL_SIR_SAR_220210829T110513_20210829T110601_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CLIPTLON CONTROL OF ADDRESS 100 - 2010/02/11/2010         Revisional Fire (Revision 2)         International of all monomediation of the monomediation of themonomedia of the monomediation of the monomediation of the mono	CS_OFFL_SIR_SAR_220210829T110632_20210829T111124_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS 0771-081-0612       2.0.0100011100011100101100101100101       Patholic Scheduler (in (Resident'))       There is a backbacker and the Residence and the Resident and the Residence and th	CS_OFFL_SIR_SAR_220210829T115102_20210829T115327_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Control         Control <t< td=""><td>CS_OFFL_SIR_SAR_220210829T120517_20210829T120718_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_220210829T120517_20210829T120718_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
Cold Onty Biol And L. Adviced T15522 (2011)         Estimate frame (Persuper 2)         Them is a balance for one for Association entry	CS_OFFL_SIR_SAR_220210829T124510_20210829T125323_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
C2, DTTL_BR_SAR_2_2021020713408, 2021022713412_D01         Rediscription Free (Restance 7), D3 DTFL_BR_SAR_2_20210207134108, 2021022713341_E01         Rediscription Free (Restance 7), D3 DTFL_BR_SAR_2_20210207114102, 20102713341_E01         Rediscription Free (Restance 7), D3 DTFL_BR_SAR_2_20210207114102, 201027114112, 201027114120, 2010         Rediscription Free (Restance 7), D3 DTFL_BR_SAR_2_20210207114122, 201027114122, 201027114220, 2011         Rediscription Free (Restance 7), D3 DTFL_BR_SAR_2_20210207114122, 201027114122, 201027114220, 2011         Rediscription Free (Restance 7), D3 DTFL_BR_SAR_2_20210207114228, 201027114228, 2010         Restance (Restance 7), D3 DTFL_BR_SAR_2_20210207114228, 201027114228, 2011         Restance (Restance 7), D3 DTFL_BR_SAR_2_2021027114282, 201027114282, 2011         Restance (Restance 7), D3 DTFL_BR_SAR_2_2021027115128, 201027114282, 2010         Restance (Restance 7), D3 DTFL_BR_SAR_2_2021027115128, 201027115128, 2010         Restance (Restance 7), D3 DTFL_BR_SAR_2_2021027115128, 201027115128, 2010         Restance (Restance 7), D3 DTFL_BR_SAR_2_2021027115128, 2010227115128, 2010         Restance (Restance 7), D3 DTFL_BR_SAR_2_2021027115128, 2010227115128, 2010         Restance (Restance 7), D3 DTFL_BR_SAR_2_202102071151528, 2010227115128, 2010         Restance (Restance 7), D3 DTFL_BR_SAR_2_202102071151528, 2010227115358, 2010         Restance (Restance 7), D4 DESCANCE Free (Re	CS_OFFL_SIR_SAR_220210829T132852_20210829T133335_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
C2, CPFL_SRL_SAR_2X2010021110301, X2010021110301, E001       Bodesteller Ever (Reinsder?)       There is a backbacker ever for Reinsder? and 3 for one or more records         C3, CPFL_SRL_SAR_2X2010021110301, X2010021110121, E001       Bodesteller Ever (Reinsder?)       There is a backbacker ever for Reinsder? and 3 for one or more records         C3, CPFL_SRL_SAR_2X2010021110301, X2010021110121, E001       Bodesteller Ever (Reinsder?)       There is a backbacker ever for Reinsder? and 3 for one or more records         C3, CPFL_SRL_SAR_2X2010021110301, X2010021110121, E001       Bodesteller Ever (Reinsder?)       There is a backbacker ever for Reinsder? and 3 for one or more records         C3, CPFL_SRL_SAR_2X2010021110301, X2010021110302, X201002	CS_OFFL_SIR_SAR_220210829T134355_20210829T134621_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CB, OFTL_SRL_SAR_2_02010007114122_0210009714120_C001     Socksofter Error (Reinstein 2), Sacksofter Error (Reinstein 2), Sacksofter Error (Reinstein 2), CB, OFTL_SRL_SAR_2_02010007114021_2001009714020_C001     Sacksofter Error (Reinstein 2), Sacksofter Error (Reinstein 2), Sacksofter Error (Reinstein 2), CB, OFTL_SRL_SAR_2_02010007114021_20010097115000_E001     Sacksofter Error (Reinstein 2), Sacksofter Error (Reinstein 2), Sacksofter Error (Reinstein 2), CB, OFTL_SRL_SAR_2_02010007115000_E0010E07115000_E001     Sacksofter Error (Reinstein 2), Sacksofter Error (Reinstein 2), Sacksofter Error (Reinstein 2), CB, OFTL_SRL_SAR_2_02010007115000_E0010E07115000_E001     Sacksofter Error (Reinstein 2), There is a backsofter error for Reinstein 2, Sacksofter Error (Reinstein 2), CB, OFTL_SRL_SAR_2_02010007115000_E0010E07115000_E001     Sacksofter Error (Reinstein 2), There is a backsofter error for Reinstein 2, Sacksofter Error (Reinstein 2), There is a backsofter error for Reinstein 2, CB, OFTL_SRL_SAR_2_02010007115000_E001     Sacksofter Error (Reinstein 2), There is a backsofter error for Reinstein 2, Sacksofter Error (Reinstein 2), There is a backsofter error for Reinstein 2, CB, OFTL_SRL_SAR_2_02010007115000_E001     Sacksofter Error (Reinstein 2), There is a backsofter error for Reinstein 2, Sacksofter Error (Reinstein 2), There is a backsofter error for Reinstein 2, Sacksofter Error (Reinstein 2), There is a backsofter error for Reinstein 2, and 3 for one or more records Sacksofter Error (Reinstein 2), There is a backsofter error for Reinstein 2, and 3 for one or more records Sacksofter Error (Reinstein 2), There is a backsofter error for Reinstein 2, and 3 for one or more records Sacksofter Error (Reinstein 2), There is a backsofter error for Reinstein 2, and 3 for one or more records Sacksofter Error (Reinstein 2), There is a backsofter error for Reinstein 2, and 3 for one or more records Sacksofter Error (Reinstein 2), The	CS_OFFL_SIR_SAR_220210829T135026_20210829T135341_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
C3. OFFL_SR_SAR_2_02010809T141723_00110809T142003_E001       Boldscolling Free (Reinscher 3), Boldscolling Free (Reinscher 3), Boldscolling Free (Reinscher 3), C3. OFFL_SR_SAR_2_02010809T14204_D011080F143204_E001       There is a backscatter error for Reinscher 2 and 3 for one or more records         C3. OFFL_SR_SAR_2_02010809T14204_D011080F143204_E001       Boldscolling Free (Reinscher 3), Boldscolling Free (Reinscher 3), Boldscolling Free (Reinscher 3), C3. OFFL_SR_SAR_2_02010809T152204_D0211080F15314_E001       There is a backscatter error for Reinscher 2 and 3 for one or more records         C3. OFFL_SR_SAR_2_02010809T152204_D0211080F15314_E001       Boldscolling Free (Reinscher 3), Boldscolling Free (Reinscher 3), Boldscolling Free (Reinscher 3), C3. OFFL_SR_SAR_2_02010809T15514_E001       There is a backscatter error for Reinscher 2 and 3 for one or more records         C3. OFFL_SR_SAR_2_02010809T15514_E001       Boldscolling Free (Reinscher 3), Boldscolling Free (Reinscher 3), C3. OFFL_SR_SAR_2_02010809T160192_02110809T160100_E001       Boldscolling Free (Reinscher 3), Boldscolling Free (Reinscher 3), Boldscolling Free (Reinscher 3), C3. OFFL_SR_SAR_2_02010809T160192_02110809T160100_E001       Boldscolling Free (Reinscher 3), Boldscolling Free (Reinscher 3), Boldscoll	CS_OFFL_SIR_SAR_220210829T141125_20210829T141210_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS. OFFL. SR. SAR 2, 2001002071160401, 202100207150108, E001       Biologadine Ferre (Nettoder 2), there is a backscatter error for Retracter 2 and 3 for one or more records.         CS. OFFL. SR. SAR 2, 202100207150000, 202100207150100, E001       Biologadine Ferre (Nettoder 2), there is a backscatter error for Retracter 2 and 3 for one or more records.         CS. OFFL. SR. SAR 2, 20210020715000, 20210020715000, 20210020715000, 20210020715000, 20210020715000, 20210020715000, 20210020715000, 20210020715000, 20210020715000, 20210020715000, 20210020715000, 20210020715000, 20210020715000, 2001000, 2001000, 2001000, 2001000, 200100, 200	CS_OFFL_SIR_SAR_220210829T141723_20210829T142023_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CB, OFTL, SIR, SAR, 2, 202108297150908, 202108297150268, E001         Backsteller Error (Retracker 2) Backsteller Error (Retra	CS_OFFL_SIR_SAR_220210829T142421_20210829T143216_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS, OFFL_SIR_SAR_2_20210227115254_20210227115255_E001         Backstatter From (Retracker 2), Backstatter From (Retracker 2), Die De Labatstatter From (Retracker 2), Die De L	CS_OFFL_SIR_SAR_220210829T150909_20210829T151249_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
C8_OFFL_SR_SAR_2_20210829715512_202108297155154_E001         Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), C8_OFFL_SR_SAR_2_20210829715512_202108297155154_E001         Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), C8_OFFL_SR_SAR_2_202108297155647_2010829716016_E001         Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), C8_OFFL_SR_SAR_2_202108297160159_20210829716016_E001         Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), C8_OFFL_SR_SAR_2_202108297160159_202108297160159_202108297160159_E001         Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backsca	CS_OFFL_SIR_SAR_220210829T152248_20210829T152658_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
Diskutional Entry (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SR_SAR_2_202108291160166_2021         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SR_SAR_2_202108291160166_202108291160166_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SR_SAR_2_202108291160169_20210829116120_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SR_SAR_2_202108291160169_20210829116120_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SR_SAR_2_202108291160169_20210829116320_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SR_SAR_2_202108291164781_202108291170539_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SR_SAR_2_202108291170134_202108291179108_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SR_SAR_2_202108291191035_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SR_SAR_2_202108291191422_202108291191523_E	CS OFFL SIR SAR 2 20210829T155123 20210829T155154 E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
Backcaster         Error (Retracker 2), Backcaster Error (Retr	CS_OFFL_SIR_SAR_220210829T155336_20210829T155647_E001	Backscatter Error (Retracker 2),	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210829T160159_20210829T160327_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_20210829T160458_20210829T160326_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_20210829T160359_20210829T163508_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_20210829T164751_20210829T165000_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_20210829T164751_20210829T170529_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20210829T174107_20210829T170529_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_20210829T181032_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_20210829T181032_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_20210829T181032_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_20210829T18		Backscatter Error (Retracker 2),	
Disclosulation from (Retracker 2)         Disclosulation from (Retracker 2)           CS. OFFL_SIR_SAR_2_20210829T160458_20210829T163548_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS. OFFL_SIR_SAR_2_20210829T163751_20210829T163548_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS. OFFL_SIR_SAR_2_20210829T164751_20210829T165000_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SIR_SAR_2_20210829T17014_20210829T170529_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SIR_SAR_2_20210829T17014_20210829T175108_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SIR_SAR_2_20210829T180561_20210829T195108_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SIR_SAR_2_20210829T180561_20210829T191503_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SIR_SAR_2_20210829T180549_20210829T191523_E001         Backscatter Error (Retracker 2)         There is a backscatter error for Retracker 2 and 3 for one or more records           CS_OFFL_SIR_SAR_2_20210829T18184547_E001		Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SAR_2_20210829T163519_20210829T163548_E001       Backscatter Error (Retracker 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_20210829T164751_20210829T165000_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_2_20210829T160754_20210829T170529_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_2_20210829T170407_20210829T175108_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_2_20210829T181032_E001       Backscatter Error (Retracker 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_20210829T181032_E001       Backscatter Error (Retracker 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_20210829T181442_20210829T181523_E001       Backscatter Error (Retracker 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_20210829T18214_E001       Backscatter Error (Retracker 2). Backscatter Error (Retracker 3).       There is a backscatter error for Retracker 2 and 3 for one or more records			
Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20210829T170134_20210829T170529_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_20210829T170134_20210829T170529_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_20210829T170134_20210829T175108_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20210829T180551_20210829T181032_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20210829T181032_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20210829T181032_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20210829T181032_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20210829T18234_E001       Backscatter Error (Retracker 2)       There is a backscatter error for Retracker 2 and 3 for one or more records         CS_OFFL_SIR_SAR_2_20210829T183822_20210829T19030_E001       Backscatter Error (Retracker 2)			
CS_OFFL_SIR_SAR_2_202108291169391_202108291170529_E001       Backscatter Error (Retracker 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_20210829117407_20210829117407_20210829117407_202108291181032_E001       Backscatter Error (Retracker 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_202108291181051_202108291181032_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_202108291181032_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_202108291181242_202108291181523_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_202108291182726_202108291182814_E001       Backscatter Error (Retracker 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_202108291183922_202108291182814_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_202108291182922_202108291192015_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_20210829T170434_20210829T175108_E001       Backscatter Error (Retracker 2) Backscatter Error (Retrac		Backscatter Error (Retracker 3)	
CS_OFFL_SIR_SAR_2_20210829T18405_20210829T181032_E001       Backscatter Error (Retracker 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_20210829T183922_20210829T184547_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_20210829T183922_20210829T190103_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 2), Backscatt		Backscatter Error (Retracker 3)	
CS_OFFL_SIR_SAR_2_20210829T180051_20210829T181032_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_20210829T181442_20210829T181523_E001       Backscatter Error (Retracker 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_20210829T181442_20210829T182814_E001       Backscatter Error (Retracker 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_20210829T183922_20210829T184547_E001       Backscatter Error (Retracker 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_20210829T183922_20210829T184547_E001       Backscatter Error (Retracker 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_20210829T183922_0210829T190103_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_20210829T191841_20210829T192105_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_20210829T192322_0210829T192329_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_20210829T192329_20210829T193042_E001       Backsca		Backscatter Error (Retracker 3)	
CS_OFFL_SIR_SAR_2_20210829T18142_20210829T181523_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_20210829T182726_20210829T182814_E001       Backscatter Error (Retracker 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_20210829T183922_20210829T184547_E001       Backscatter Error (Retracker 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_20210829T185849_20210829T190103_E001       Backscatter Error (Retracker 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_20210829T191841_20210829T192105_E001       Backscatter Error (Retracker 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_20210829T192322_20210829T192329_E001       Backscatter Error (Retracker 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_20210829T192329_20210829T192329_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_20210829T192329_20210829T193042_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 fo	CS_OFFL_SIR_SAR_220210829T180551_20210829T181032_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_20210829T182726_20210829T182614_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_20210829T183922_20210829T184547_E001       Backscatter Error (Retracker 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_20210829T185849_20210829T190103_E001       Backscatter Error (Retracker 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_20210829T1919141_20210829T192105_E001       Backscatter Error (Retracker 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_20210829T192322_20210829T192329_E001       Backscatter Error (Retracker 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_20210829T192329_20210829T192329_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_20210829T192329_20210829T193042_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_20210829T195052_20210829T195231_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3	CS_OFFL_SIR_SAR_220210829T181442_20210829T181523_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_202108291183922_20210829119454/_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_20210829T185849_20210829T190103_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_20210829T191841_20210829T192105_E001       Backscatter Error (Retracker 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_20210829T192322_20210829T192329_E001       Backscatter Error (Retracker 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_20210829T192329_20210829T192329_E001       Backscatter Error (Retracker 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_20210829T192329_20210829T193042_E001       Backscatter Error (Retracker 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_20210829T192329_20210829T195052_20210829T1950	CS_OFFL_SIR_SAR_220210829T182726_20210829T182814_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_20210829T191841_20210829T192105_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_20210829T191841_20210829T192329_E001       Backscatter Error (Retracker 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_20210829T192329_20210829T192329_E001       Backscatter Error (Retracker 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_20210829T192329_20210829T193042_E001       Backscatter Error (Retracker 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_20210829T192329_20210829T193042_E001       Backscatter Error (Retracker 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_20210829T195052_20210829T195231_E001       Backscatter Error (Retracker 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_20210829T195052_20210829T195231_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_20210829T195052_20210829T195231_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220210829T183922_20210829T184547_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210829T192322_20210829T192329_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_20210829T192329_20210829T192329_E001       Backscatter Error (Retracker 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_20210829T192329_20210829T192329_20210829T193042_E001       Backscatter Error (Retracker 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_20210829T195052_20210829T195231_E001       Backscatter Error (Retracker 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_20210829T195052_20210829T195231_E001       Backscatter Error (Retracker 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_20210829T195052_20210829T195231_E001       Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220210829T185849_20210829T190103_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210829T192329_20210829T193042_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_20210829T192329_20210829T193042_E001       Backscatter Error (Retracker 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_20210829T195052_20210829T195231_E001       Backscatter Error (Retracker 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_20210829T195052_20210829T195231_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220210829T191841_20210829T192105_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210829T195052_20210829T195032_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_20210829T195052_20210829T195231_E001       Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)       There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220210829T192322_20210829T192329_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_202108291195052_202108291195231_E001 Backscatter Error (Retracker 3) Backscatter Error (Retracker 2), Backscatter	CS_OFFL_SIR_SAR_220210829T192329_20210829T193042_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_220210829T195052_20210829T195231_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
	CS_OFFL_SIR_SAR_2_20210829T200620_20210829T200731_E001		There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_2_20210829T202255_20210829T202308_E001 Backscatter Error (Retracker 2), Backscatter Error (Retracker 3) There is a backscatter error for Retracker 2 and 3 for one or more records	CS_OFFL_SIR_SAR_220210829T202255_20210829T202308_E001		There is a backscatter error for Retracker 2 and 3 for one or more records

CS_OFFL_SIR_SAR_220210829T202353_20210829T202401_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T202453_20210829T202549_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T210202_20210829T210914_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T212423_20210829T212454_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T214455_20210829T214637_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T215853_20210829T220118_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T224025_20210829T224246_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T224246_20210829T224922_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T232418_20210829T232614_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3)	There is a backscatter error for Retracker 2 and 3 for one or more records
CS_OFFL_SIR_SAR_220210829T233746_20210829T234010_E001	Backscatter Error (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_20210829T001652_20210829T001821_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_220210829T002322_20210829T002328_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210829T002657_20210829T002833_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_20210829T010452_20210829T010619_E001	Backscatter Error (Ketracker 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_20210829T010703_20210829T010809_E001	Backscatter Error (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_20210829T011541_20210829T011606_E001	Backscatter Error (Ketracker 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_20210829T015704_20210829T015820_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_20210829T020354_20210829T020712_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_20210829T025508_20210829T025603_E001	Backscatter Error (Ketracker 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_220210829T025810_20210829T025927_E001	Backscatter Error (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_220210829T030411_20210829T030453_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_220210829T031436_20210829T031623_E001	Backscatter Error (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_220210829T033624_20210829T033741_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_220210829T034250_20210829T034602_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_220210829T045159_20210829T045246_E001	Backscatter Error (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_220210829T051720_20210829T051956_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_220210829T052155_20210829T052728_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_220210829T060654_20210829T060720_E001	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_220210829T061247_20210829T061740_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_220210829T065628_20210829T065904_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_220210829T070106_20210829T070209_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220210829T070608_20210829T070746_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_220210829T073450_20210829T073731_E001	Backscatter Error (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_220210829T075154_20210829T075302_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

	Backscatter Error (Retracker 2),	
CS_OFFL_SIR_SIN_220210829T075407_20210829T075527_E001	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_220210829T081414_20210829T082046_E001	Backscatter Error (Retracker 2), 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_SIN_220210829T082427_20210829T082949_E001	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_220210829T083404_20210829T083420_E001	Backscatter Error (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_20210829T083449_20210829T083708_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_220210829T084511_20210829T084659_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_20210829T091221_20210829T091557_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_220210829T093111_20210829T093706_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_220210829T101359_20210829T101546_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_220210829T101755_20210829T101823_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220210829T102356_20210829T102621_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_220210829T105407_20210829T105548_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_220210829T110442_20210829T110505_E001	Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220210829T110602_20210829T110632_E001	Backsdahler Error (Retracker 2), Backscatter Error (Retracker 3), SARIn X- track Angle Error, Surface model	There is a backscatter error for Retracker 2 and 3, an ambiguous angle was detected for SARIn mode, and no DEM or Slope Model was used for the location for one or more records
CS_OFFL_SIR_SIN_220210829T111125_20210829T111530_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_220210829T111619_20210829T112317_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_220210829T115327_20210829T115508_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_220210829T115614_20210829T115756_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20210829T120239_20210829T120307_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220210829T120354_20210829T120517_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_220210829T125324_20210829T125733_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_220210829T133336_20210829T133706_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_220210829T134238_20210829T134354_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_220210829T141211_20210829T141340_E001	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_2_20210829T142030_20210829T142133_E001	Backscatter Error (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_220210829T143217_20210829T143403_E001	Backscatter Error (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_220210829T143532_20210829T143620_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_220210829T151250_20210829T151610_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_220210829T152124_20210829T152248_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_220210829T154306_20210829T154630_E001	Backscatter Error (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_220210829T160327_20210829T160458_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_220210829T165001_20210829T165156_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_20210829T170025_20210829T170134_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_220210829T173912_20210829T173949_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_20210829T173949_20210829T174013_E001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220210829T174258_20210829T174407_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_220210829T182814_20210829T182952_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_220210829T183727_20210829T183921_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_220210829T192105_20210829T192322_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
	CCC Depart Analysia	

## 6. QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_LRM_1B	148	0	0	0	0
SIR_SAR_1B	93	0	0	0	0
SIR_SIN_1B	104	0	0	0	0
SIR_LRM_2	148	0	0	0	0
SIR_SAR_2	104	0	0	0	0
SIR_SIN_2	93	0	0	0	0
SIR_GDR_2	15	0	0	0	0
	•	•	•	•	•
6.1 QCC Errors					
6.1 QCC Errors					

Number of products with QCC errors:	0	
6.2 QCC Warnings		
Number of QCC reports with warnings	0	
6.2 Missing QCC Reports		
Number of products with missing QCC reports:	0	

Number of products with missing QCC reports: