



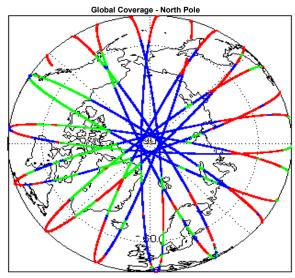
1. Overview

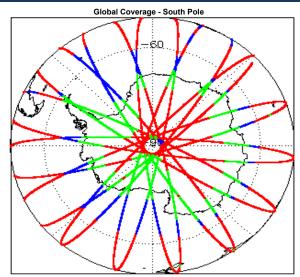
Report Production Date:	20-Jun-2018		
Processor Used:	CryoSat Ice Processor		
Data Used:	L1B and L2 OFFLINE Data		

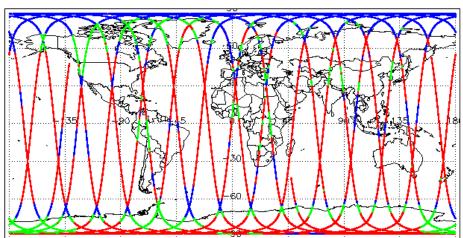
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	Nominal
L1B & L2 Measurement Confidence Data Check	See Section 4.7 and 5.5

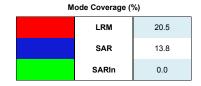
Mission / Instru	ment News
19-May-2018	None
20-May-2018	None
21-May-2018	Nothing planned

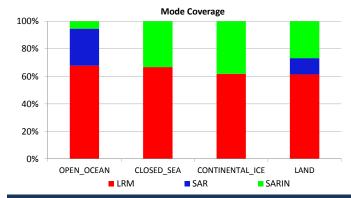
2. Global Coverage

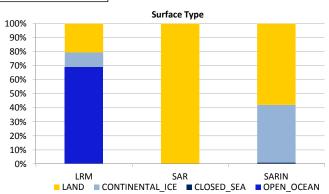












3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A
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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 Calibration Usage Check

Each product is checked in order to ensure that the necessary calibration files have been used in processing

Number of products with errors:

4.5 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:

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4.6 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:

4.7 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.

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.

umber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20180520T074421_20180520T075247_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20180520T092256_20180520T092630_C001	IECDO EFFOR LEK ECDO EFFOR	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:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

CryoSat L2 data includes a correction error flag (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.

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

EQUIT_BILLEY_ZEROSOTION_CONSCRIPTIONS_CONSCR	Product	Test Failed	Description
Computer 1941 2. 2. 2. 2. 2. 2. 2. 2	CS_OFFL_SIR_LRM_2_20180519T235805_20180520T001350_C001		
Comparison May 2 201600000000000000000000000000000000000	CS_OFFL_SIR_LRM_220180520T001919_20180520T003008_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
EQUIT_BILIDED20000000000000000000000000000000000	CS_OFFL_SIR_LRM_2_20180520T005513_20180520T005921_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Heigh From (Plantace 2), Recovering the second process of the proc	CS_OFFL_SIR_LRM_2_20180520T012131_20180520T012233_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Co. CHI. SH. LIAI. 2. 20100000100000000000000000000000000	CS OFFL SIR LRM 2 20180520T013545 20180520T020922 C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CO_OFF_BIL_PAL2010000T03400_00000000000000000000000000000		Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
COUNTLINE LEVEL 2, 2019000010001000 (201900001000000000000000000000000000000			
CS_OFT_SRILEN_2_2018500715440_2018500715400_20101 Height Earn (Personan 2), Basecoster Enry (Pellicker 2), Basecoster Height Enry (Pellicker 2), Basecoster Enry (Pellicker 2), Basecoster Height Enry		,	
CB_OPT_SRI_RNI_2_conscionation_missacritrosano_cont CB_OPT_SRI_RNI_2_conscionation_m			
Eq. (or Fig. In In It 2)representations (in Journal of Personal 2 for own or more interest and process of the process of th			
SCOPEL SILLAY 2_0000020100036 (0.00002010001001001001001001001001001000000		, ,	
CS_OFFI_CRIT_LEM_2_0116550710518_01185507105272_0001 CS_OFFI_CRIT_LEM_2_0116550710518_01185507105272_0001 CS_OFFI_CRIT_LEM_2_0116550710518_01185507105272_0001 CS_OFFI_CRIT_LEM_2_0116550710538_01185507105272_0001 CS_OFFI_CRIT_LEM_2_0116550710538_01185507105272_0001 CS_OFFI_CRIT_LEM_2_0116550710538_01185507105272_0001 CS_OFFI_CRIT_LEM_2_0116550710538_01185507105272_0001 CS_OFFI_CRIT_LEM_2_0116550710538_0118550710528_0001 CS_OFFI_CRIT_LEM_2_0116550710538_0001 CS_OFFI_CRIT_LEM_2_0001650710538_0001 CS_OFFI_CRIT_LEM_2_00016507110538_0001 CS_OFFI_CRIT_LEM_2_00016507110538_0001 CS_OFFI_CRIT_LEM_2_00016507110538_0001 CS_OFFI_CRIT_LEM_2_00016507110538_0001 CS_OFFI_CRIT_LEM_2_00016507110538_0001 CS_OFFI_CRIT_LEM_2_00016507110538_0001650710538_0001 CS_OFFI_CRIT_LEM_2_00016507110538_0001650710538_0001 CS_OFFI_CRIT_LEM_2_00016507110538_0001650710538_0001 CS_OFFI_CRIT_LEM_2_00016507110538_00016507105			
So, OFFL, SIRL, LEMS_2 201000201100000_01000000_01000000_01000000_01000000		Error (Retracker 2)	records
Significance (), Bellinator (), Bell	CS_OFFL_SIR_LRM_220180520T051008_20180520T051241_C001	Error (Retracker 2)	records
Enrol (Petersider 2) septiment (Petersider 2)	CS_OFFL_SIR_LRM_220180520T051243_20180520T052732_C001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
CS_OFF_SR_IRM_2_201800007105094_201800007105090_001 CS_OFF_SR_IRM_2_201800007105092_201800007105090_001 CS_OFF_SR_IRM_2_201800007105092_201800007105090_001 CS_OFF_SR_IRM_2_201800007105090_201800007105090_001 CS_OFF_SR_IRM_2_201800007105090_201800007105090_001 CS_OFF_SR_IRM_2_201800007105090_201800007105090_001 CS_OFF_SR_IRM_2_201800007105090_201800007105090_001 CS_OFF_SR_IRM_2_201800007105090_201800007105090_001 CS_OFF_SR_IRM_2_201800007105090_201800007105090_001 CS_OFF_SR_IRM_2_201800007105090_201800007105090_001 CS_OFF_SR_IRM_2_201800007105090_2018000007105090_001 CS_OFF_SR_IRM_2_201800007105090_2018000007105090_001 CS_OFF_SR_IRM_2_201800007105090_20180000000000000000000000000000000000	CS_OFFL_SIR_LRM_220180520T054559_20180520T055640_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LIMA_2_201805007105409_201805007150450_COUNT (Periador 2), Bockscartine Ferrir (Periador 2), Bockscartine Errir (Periador 2), Bockscartin	CS_OFFL_SIR_LRM_220180520T060004_20180520T061706_C001	Error (Retracker 2)	
Erro (Retractor 2) Soph_SR_LRM_2_poinsospro17/3942_poinsospro17/3	CS_OFFL_SIR_LRM_220180520T063940_20180520T064926_C001	(Retracker 3), Backscatter Error	
Error (Retracted 2) Sport_SR_LRM_2_201805201708200_20180520108520_0001 CS_OFFL_SR_LRM_2_201805201708303_20180520108500_0001 CS_OFFL_SR_LRM_2_201805201708303_20180520108500_0001 CS_OFFL_SR_LRM_2_20180520108500_0001 CS_OFFL_SR_LRM_2_20180520108500_0001 CS_OFFL_SR_LRM_2_20180520108500_0001 CS_OFFL_SR_LRM_2_201805201102266_20180520102246_0001 CS_OFFL_SR_LRM_2_201805201102266_20180520110240_0001 CS_OFFL_SR_LRM_2_201805201102266_20180520110240_0001 CS_OFFL_SR_LRM_2_201805201102200_0001 CS_OFFL_SR_LRM_2_201805201102200_0001 CS_OFFL_SR_LRM_2_20180520110200_0001 CS_OFFL_SR_LRM_2_201805201110300_0001 CS_OFFL_SR_LRM_2_201805201110300_0001 CS_OFFL_SR_LRM_2_201805201110300_0001 CS_OFFL_SR_LRM_2_201805201110300_0001 CS_OFFL_SR_LRM_2_2018052011103000_0001 CS_OFFL_SR_LRM_2_2018052011103000_0001 CS_OFFL_SR_LRM_2_201805201112000_0001 CS_OFFL_SR_LRM_2_201805201112000_0001 CS_OFFL_SR_LRM_2_201805201112000_0001 CS_OFFL_SR_LRM_2_201805201112000_0001 CS_OFFL_SR_LRM_2_2018052011213000_0001 CS_OFFL_SR_LRM_2_2018052011213000_0001 CS_OFFL_SR_LRM_2_2018052011213000_0001 CS_OFFL_SR_LRM_2_2018052011213000_0001 CS_OFFL_SR_LRM_2_2018052011213000_0001 CS_OFFL_SR_LRM_2_201805201120000_0001 CS_OFFL_SR_LRM_2_201805201120000_0001 CS_OFFL_SR_LRM_2_201805201140000_0001 CS_OFFL_SR_LRM_2_201805201140000	CS_OFFL_SIR_LRM_220180520T065129_20180520T070621_C001		-
CS_OFFL_SR_LRM_2_20180520710421_201805207105205_C001 CS_OFFL_SR_LRM_2_201805207108055_201805207106255_C001 CS_OFFL_SR_LRM_2_201805207108055_201805207106265_C001 CS_OFFL_SR_LRM_2_201805207108055_07106255_C001 CS_OFFL_SR_LRM_2_201805207106255_C001 CS_OFFL_SR_LRM_2_201805207106255_C001 CS_OFFL_SR_LRM_2_201805207106265_C001 CS_OFFL_SR_LRM_2_201805207106265_C001 CS_OFFL_SR_LRM_2_201805207106265_C001 CS_OFFL_SR_LRM_2_201805207106265_C001 CS_OFFL_SR_LRM_2_201805207106265_C001 CS_OFFL_SR_LRM_2_20180520710665_C001 CS_OFFL_SR_LRM_2_201805207106660_C001 CS_OFFL_SR_LRM_2_201805207106600_C001 CS_OFFL_SR_LRM_2_201805207106600_C001 CS_OFFL_SR_LRM_2_201805207106600_C001 CS_OFFL_SR_LRM_2_201805207106600_C001 CS_OFFL_SR_LRM_2_2018052071106600_C001 CS_OFFL_SR_LRM_2_2018052071106600_C001 CS_OFFL_SR_LRM_2_2018052071106600_C001 CS_OFFL_SR_LRM_2_2018052071106600_C001 CS_OFFL_SR_LRM_2_2018052071106600_C001 CS_OFFL_SR_LRM_2_2018052071106600_C001 CS_OFFL_SR_LRM_2_2018052071106600_C001 CS_OFFL_SR_LRM_2_2018052071106600_C001 CS_OFFL_SR_LRM_2_2018052071106600_C001 CS_OFFL_SR_LRM_2_2018052071106000_C001 CS_OFFL_	CS_OFFL_SIR_LRM_220180520T073949_20180520T074418_C001		-
CS_OFFL_SIR_LRM_2_201805207082382_0180520708239_C001 Surface Model Unavailable CS_OFFL_SIR_LRM_2_201805207082382_0180520708239_C001 Surface Model Unavailable CS_OFFL_SIR_LRM_2_20180520708239_C0180520708209_C001 CS_OFFL_SIR_LRM_2_20180520708297_201805207108201_C001 Surface Model Unavailable CS_OFFL_SIR_LRM_2_20180520708297_201805207108201_C001 Surface Model Unavailable Finor (Retracker 2), Backscarter Error (Retracker	CS_OFFL_SIR_LRM_2_20180520T074421_20180520T075247_C001	(Retracker 3), Backscatter Error	
SC_OFFL_SIR_LRM_2_201805207105338_201805207105254_C001 HighE Error (Retracker 2). Backscatter remove for Profestacker 2 for one or more records the professor for Retracker 2 for one or more records the professor for Retracker 2 for one or more records for Retracker 2 for Retracker 3 for Retracker 3 for one or more records for Retracker 3 for one or more records for Retracker 3 for Retracker 3 for one or more records for Retracker 3 for one o	CS_OFFL_SIR_LRM_220180520T083006_20180520T084528_C001	Height Error (Retracker 2), Backscatter	
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CS_OFFL_SIR_LRM_2_20180520T005255_20180520T102446_0001 CS_OFFL_SIR_LRM_2_20180520T1003237_20180520T102446_0001 CS_OFFL_SIR_LRM_2_20180520T1003237_20180520T103001_0001 CS_OFFL_SIR_LRM_2_20180520T100318_20180520T105030_0001 CS_OFFL_SIR_LRM_2_20180520T100318_20180520T105030_0001 CS_OFFL_SIR_LRM_2_20180520T10947_20180520T10557_0001 CS_OFFL_SIR_LRM_2_20180520T10947_20180520T110557_0001 CS_OFFL_SIR_LRM_2_20180520T10947_20180520T110557_0001 CS_OFFL_SIR_LRM_2_20180520T110947_20180520T110557_0001 CS_OFFL_SIR_LRM_2_20180520T110947_20180520T110557_0001 CS_OFFL_SIR_LRM_2_20180520T110947_20180520T110557_0001 CS_OFFL_SIR_LRM_2_20180520T110947_20180520T12055_0001 CS_OFFL_SIR_LRM_2_20180520T110947_20180520T12055_0001 CS_OFFL_SIR_LRM_2_20180520T121355_20180520T12055_0001 CS_OFFL_SIR_LRM_2_20180520T121355_20180520T12055_0001 CS_OFFL_SIR_LRM_2_20180520T121355_20180520T12055_0001 CS_OFFL_SIR_LRM_2_20180520T130556_20180520T12055_0001 CS_OFFL_SIR_LRM_2_20180520T130556_20180520T12055_0001 CS_OFFL_SIR_LRM_2_20180520T130556_20180520T142002_0001 CS_OFFL_SIR_LRM_2_20180520T130556_20180520T142002_0001 CS_OFFL_SIR_LRM_2_20180520T130556_20180520T142002_0001 CS_OFFL_SIR_LRM_2_20180520T130556_20180520T142002_0001 CS_OFFL_SIR_LRM_2_20180520T130556_20180520T142002_0001 CS_OFFL_SIR_LRM_2_20180520T142248_20180520T143137_0001 CS_OFFL_SIR_LRM_2_20180520T142248_20180520T142002_0001 CS_OFFL_SIR_LRM_2_20180520T142248_20180520T142002_0001 CS_OFFL_SIR_LRM_2_20180520T150566_0001 C	CS_OFFL_SIR_LRM_220180520T085955_20180520T092254_C001		-
CS_OFFL_SIR_LRM_2_20180520T103237_20180520T103201_CO01 Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Ret	CS_OFFL_SIR_LRM_2_20180520T092256_20180520T092630_C001		· ·
Height Error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error for Retracker 3. Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatter error for Retracker 2 and a height error (Retracker 2). Backscatt	CS_OFFL_SIR_LRM_220180520T095927_20180520T102446_C001	Height Error (Retracker 2), Backscatter	
Error (Retracker 2) Height Error (Retracker 2) H	CS_OFFL_SIR_LRM_2_20180520T103237_20180520T103601_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20180520T11094T_20180520T111035T_C001 CS_OFFL_SIR_LRM_2_20180520T11094T_20180520T111031C_001 CS_OFFL_SIR_LRM_2_20180520T11094T_20180520T110455_C001 CS_OFFL_SIR_LRM_2_20180520T113724_20180520T121505_C001 CS_OFFL_SIR_LRM_2_20180520T12135_20180520T121505_C001 CS_OFFL_SIR_LRM_2_20180520T12135_20180520T121505_C001 CS_OFFL_SIR_LRM_2_20180520T121859_20180520T125255_C001 CS_OFFL_SIR_LRM_2_20180520T121859_20180520T130729_C001 CS_OFFL_SIR_LRM_2_20180520T13743_20180520T130729_C001 CS_OFFL_SIR_LRM_2_20180520T137535_20180520T130729_C001 CS_OFFL_SIR_LRM_2_20180520T137535_20180520T130729_C001 CS_OFFL_SIR_LRM_2_20180520T137535_20180520T130729_C001 CS_OFFL_SIR_LRM_2_20180520T137535_20180520T130729_C001 CS_OFFL_SIR_LRM_2_20180520T137535_20180520T130729_C001 CS_OFFL_SIR_LRM_2_20180520T137535_20180520T130729_C001 CS_OFFL_SIR_LRM_2_20180520T137535_20180520T130729_C001 CS_OFFL_SIR_LRM_2_20180520T137535_20180520T142002_C001 CS_OFFL_SIR_LRM_2_20180520T14248_20180520T142002_C001 CS_OFFL_SIR_LRM_2_20180520T14248_20180520T145005_C001 CS_OFFL_SIR_LRM_2_20180520T144539_C001 CS_OFFL_SIR_LRM_2_20180520T145047_20180520T145005_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T152038_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T152038_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_	CS_OFFL_SIR_LRM_220180520T103918_20180520T105030_C001		
Error (Retracker 2) Froe (Retracker 3) Froe Retracker 3 for one or more records Froe Retracker 2 for one or more records Froe Retracker 2 for one or more records Froe Retracker 3 for one or more or more records Froe Retracker 4 for	CS_OFFL_SIR_LRM_220180520T105603_20180520T110557_C001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20180520T12135_20180520T121505_C001 CS_OFFL_SIR_LRM_2_20180520T121505_20180520T121505_C001 CS_OFFL_SIR_LRM_2_20180520T121505_20180520T125255_C001 CS_OFFL_SIR_LRM_2_20180520T130556_20180520T130729_C001 CS_OFFL_SIR_LRM_2_20180520T130556_20180520T130729_C001 CS_OFFL_SIR_LRM_2_20180520T13743_20180520T130729_C001 CS_OFFL_SIR_LRM_2_20180520T13743_20180520T13095_C001 CS_OFFL_SIR_LRM_2_20180520T13743_20180520T13095_C001 CS_OFFL_SIR_LRM_2_20180520T13743_20180520T13095_C001 CS_OFFL_SIR_LRM_2_20180520T142248_20180520T142002_C001 CS_OFFL_SIR_LRM_2_20180520T142248_20180520T142002_C001 CS_OFFL_SIR_LRM_2_20180520T142248_20180520T142002_C001 CS_OFFL_SIR_LRM_2_20180520T142248_20180520T142002_C001 CS_OFFL_SIR_LRM_2_20180520T142248_20180520T140500_C001 CS_OFFL_SIR_LRM_2_20180520T142248_20180520T140500_C001 CS_OFFL_SIR_LRM_2_20180520T142248_20180520T140500_C001 CS_OFFL_SIR_LRM_2_20180520T150000_C001 CS_OFFL_SIR_LRM_2_20180520T150000_C001	CS_OFFL_SIR_LRM_220180520T110947_20180520T111031_C001		
Surface Model Unavailable Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records Register (Retracker 2) and provided in the location of one or more records Surface Model Unavailable 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 2) Backscatter Error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Retracker 2	CS_OFFL_SIR_LRM_220180520T113724_20180520T120455_C001	(Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_2_20180520T130556_20180520T130729_C001 CS_OFFL_SIR_LRM_2_20180520T130556_20180520T131905_C001 CS_OFFL_SIR_LRM_2_20180520T131743_20180520T131905_C001 CS_OFFL_SIR_LRM_2_20180520T135825_20180520T142002_C001 CS_OFFL_SIR_LRM_2_20180520T135825_20180520T142002_C001 CS_OFFL_SIR_LRM_2_20180520T1424248_20180520T14313T_C001 CS_OFFL_SIR_LRM_2_20180520T144532_20180520T14313T_C001 CS_OFFL_SIR_LRM_2_20180520T144532_20180520T14459_C001 CS_OFFL_SIR_LRM_2_20180520T144524_20180520T150505_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150936_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150936_C001 CS_OFFL_SIR_LRM_2_20180520T1510407_20180520T15056_C001 CS_OFFL_SIR_LRM_2_20180520T151046_20180520T15056_C001 CS_OFFL_SIR_LRM_2_20180520T151046_20180520T15056_C001 CS_OFFL_SIR_LRM_2_20180520T1540373_20180520T15056_C001 CS_OFFL_SIR_LRM_2_20180520T1540407_20180520T15056_C001 CS_OFFL_SIR_LRM_2_20180520T1540407_20180520T15056_C001 CS_OFFL_SIR_LRM_2_20180520T1540407_20180520T15056_C001 CS_OFFL_SIR_LRM_2_20180520T15406_20180520T15056_C001 CS_OFFL_SIR_LRM_2_20180520T15406_20180520T15056_C001 CS_OFFL_SIR_LRM_2_20180520T15406_20180520T15056_C001 CS_OFFL_SIR_LRM_2_20180520T15400520T150406_C001 CS_OFFL_SIR_LRM_2_20180520T15400520T150406_C001 CS_OFFL_SIR_LRM_2_20180520T1540407_C0180520T150406_C001 CS_OFFL_SIR_LRM_2_20180520T15400520T150406_C001 CS_OFFL_SIR_LRM_2_20180520T15400520T150406_C001 CS_OFFL_SIR_LRM_2_20180520T154302_0180520T150406_C001 CS_OFFL_SIR_LRM_2_20180520T154302_0180520T154835_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T165835_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T165835_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T173305_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T173305_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T173305_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T165835_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T165835_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T165835_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T165835_C001 CS_OFFL_SIR	CS_OFFL_SIR_LRM_220180520T121135_20180520T121505_C001		No DEM or Slope Model was used for the location of one or more records
Height Error (Retracker 2) Backscatter	CS_OFFL_SIR_LRM_220180520T121859_20180520T125255_C001		
Height Error (Retracker 2), Height Error (Retracker 2) for ne or more records There is a height and backscatter error for Retracker 2 and a height error (Retracker 3) Backscatter Error (Retracker 2) Backscatter Error (Ret	CS_OFFL_SIR_LRM_220180520T130556_20180520T130729_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Height Error (Retracker 2), Backscatter Error (Retracker 2) and backscatter error for Retracker 2 for one or more records CS_OFFL_SIR_LRM_2_20180520T142248_20180520T143137_C001 CS_OFFL_SIR_LRM_2_20180520T144234_30180520T143137_C001 CS_OFFL_SIR_LRM_2_20180520T144433_20180520T144759_C001 CS_OFFL_SIR_LRM_2_20180520T145524_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150936_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T1503056_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T1503056_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T1503056_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T1503056_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180	CS_OFFL_SIR_LRM_220180520T131743_20180520T131905_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_2_20180520T142248_20180520T143137_C001 CS_OFFL_SIR_LRM_2_20180520T144433_20180520T144759_C001 CS_OFFL_SIR_LRM_2_20180520T1445524_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T145524_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150050_C00	CS_OFFL_SIR_LRM_220180520T135825_20180520T142002 C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20180520T144433_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T145524_20180520T150050_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150036_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150036_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150036_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150218_C001 CS_OFFL_SIR_LRM_2_20180520T151046_20180520T152218_C001 CS_OFFL_SIR_LRM_2_20180520T152603_20180520T153056_C001 CS_OFFL_SIR_LRM_2_20180520T152603_20180520T153056_C001 CS_OFFL_SIR_LRM_2_20180520T153733_20180520T153056_C001 CS_OFFL_SIR_LRM_2_20180520T153733_20180520T154317_C001 CS_OFFL_SIR_LRM_2_20180520T154320_20180520T160944_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T165835_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T173305_C001 CS_OFFL_SIR_LRM_2_20180520T173308_20180520T173305_C001 CS_OFFL_SIR_LRM_2_20180520T173		Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150936_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150936_C001 CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150936_C001 CS_OFFL_SIR_LRM_2_20180520T151046_20180520T152218_C001 CS_OFFL_SIR_LRM_2_20180520T152218_C001 CS_OFFL_SIR_LRM_2_20180520T152203_20180520T152218_C001 CS_OFFL_SIR_LRM_2_20180520T152203_20180520T153056_C001 CS_OFFL_SIR_LRM_2_20180520T15203_20180520T153056_C001 CS_OFFL_SIR_LRM_2_20180520T153733_20180520T153056_C001 CS_OFFL_SIR_LRM_2_20180520T153733_20180520T154317_C001 CS_OFFL_SIR_LRM_2_20180520T154320_20180520T160944_C001 CS_OFFL_SIR_LRM_2_20180520T154320_20180520T160944_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T165835_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T173305_C001 CS_OFFL_SIR_LRM_2_20180520T173308_20180520T173305_C001 CS_OFFL_SIR_LRM_2_20180520T1773308_20180520T173305_C001 CS_OFFL_SIR_LRM_2_20180520		Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20180520T150407_20180520T150936_C001 CS_OFFL_SIR_LRM_2_20180520T151046_20180520T152218_C001 CS_OFFL_SIR_LRM_2_20180520T151046_20180520T152218_C001 CS_OFFL_SIR_LRM_2_20180520T1520603_20180520T153056_C001 CS_OFFL_SIR_LRM_2_20180520T153733_20180520T153056_C001 CS_OFFL_SIR_LRM_2_20180520T153733_20180520T154317_C001 CS_OFFL_SIR_LRM_2_20180520T154320_20180520T160944_C001 CS_OFFL_SIR_LRM_2_20180520T154320_20180520T160944_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T165835_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T165835_C001 CS_OFFL_SIR_LRM_2_20180520T163128_20180520T173305_C001 CS_OFFL_SIR_LRM_2_20180520T177308_20180520T173305_C001 CS_OFFL_SIR_LRM_2_20180520T177308_20180520T173321_C001 CS_OFFL_SIR_LRM_2_20180520T177308_20180520T173321_C001 CS_OFFL_SIR_LRM_2_20180520T177308_20180520T173321_C001 CS_OFFL_SIR_LRM_2_20180520T177308_20180520T173321_C001 CS_OFFL_SIR_LRM_2_20180520T177308_20180520T173321_C001 CS_OFFL_SIR_LRM_2_20180520T177308_20180520T173321_C001 CS_OFFL_SIR_LRM_2_20180520T177308_20180520T173321_C001 CS_OFFL_SIR_LRM_2_20180520T177308_20180520T173321_C001 CS_OFFL_SIR_LRM_2_20180520T173308_20180520T173321_C001 CS_OFFL_SIR_LRM_2_20180520T177308_20180520T173321_C001 CS_OFFL_SIR_LRM_2_20180520T177308_20180520T173321_C001 CS_OFFL_SIR_LRM_2_20180520T177308_20180520T173321_C001		Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_2_20180520T151046_20180520T152218_C001 CS_OFFL_SIR_LRM_2_20180520T152603_20180520T153056_C001 Surface Model Unavailable No DEM or Slope Model was used for the location of one or more records 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 for one or more records 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 for one or more records 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 for one or more records 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 for one or more records There is a height and backscatter error for Retracker 2 and a height error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Backscatter Error	CS_OFFL_SIR_LRM_220180520T150407_20180520T150936 C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20180520T152603_20180520T153056_C001 Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Re		Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20180520T153733_20180520T154317_C001 Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Err			
CS_OFFL_SIR_LRM_2_20180520T154320_20180520T160944_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error			-
CS_OFFL_SIR_LRM_2_20180520T163128_20180520T165835_C001 Height Error (Retracker 2), Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retrac	CS_OFFL_SIR_LRM_2_20180520T154320_20180520T160944_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20180520T171708_20180520T173305_C001 CS_OFFL_SIR_LRM_2_20180520T171708_20180520T173305_C001 CS_OFFL_SIR_LRM_2_20180520T173308_20180520T173305_C001 CS_OFFL_SIR_LRM_2_20180520T173308_20180520T173321_C001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error (Retracker 3), Backscatter Error for Retracker 2 for one or more	CS_OFFL_SIR_LRM_220180520T163128_20180520T165835_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_2_20180520T173308_20180520T173421_C001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or more	CS_OFFL_SIR_LRM_220180520T171708_20180520T173305_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	
	CS_OFFL_SIR_LRM_220180520T173308_20180520T173421_C001	, ,	

	Height Error (Retracker 2), Height Error	
CS_OFFL_SIR_LRM_220180520T173902_20180520T174638_C001	(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_220180520T180738_20180520T182306_C001	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_220180520T182520_20180520T184016_C001	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_220180520T185618_20180520T191050_C001	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_220180520T191229_20180520T191512_C001	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_220180520T191515_20180520T192835_C001	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_220180520T195034_20180520T195713_C001	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_220180520T195757_20180520T200035_C001	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_220180520T200650_20180520T202129_C001	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_220180520T203548_20180520T205817_C001	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_220180520T213407_20180520T220034_C001	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_220180520T220640_20180520T221126_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180520T221517_20180520T221722_C001	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_220180520T221731_20180520T223957_C001	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_220180520T231306_20180520T232301_C001	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_220180520T232839_20180520T233922_C001	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_20180520T235345_20180521T001509_C001	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_SIN_220180520T003302_20180520T003647_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T004231_20180520T004345_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T021235_20180520T021551_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T022103_20180520T022226_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T030327_20180520T030416_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T034950_20180520T035350_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T040012_20180520T040118_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T043907_20180520T044117_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T044226_20180520T044343_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T052758_20180520T052929_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T053718_20180520T053902_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T061715_20180520T062109_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T062124_20180520T062255_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T070711_20180520T070855_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T071418_20180520T071425_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180520T071542_20180520T072155_C001	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_220180520T075740_20180520T080145_C001	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_220180520T084628_20180520T084834_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T085317_20180520T085323_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T085500_20180520T085821_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T102559_20180520T102819_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180520T103217_20180520T103221_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180520T103602_20180520T103716_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180520T112557_20180520T112620_C001	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_220180520T120524_20180520T120647_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T121130_20180520T121134_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180520T121505_20180520T121625_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T134508_20180520T134635_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T135158_20180520T135507_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T144319_20180520T144409_C001	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_220180520T152448_20180520T152603_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T153056_20180520T153421_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T162621_20180520T162709_C001	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_220180520T170533_20180520T170808_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T171001_20180520T171334_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T171353_20180520T171627_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T180042_20180520T180203_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T180511_20180520T180738_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T184054_20180520T184658_C001	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_220180520T184914_20180520T184953_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T185413_20180520T185549_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T194003_20180520T194217_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T194406_20180520T194618_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T202300_20180520T202449_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T203317_20180520T203506_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T211916_20180520T212407_C001	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_220180520T220234_20180520T220354_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T220549_20180520T220640_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T221127_20180520T221340_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T225402_20180520T225426_C001	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_220180520T234202_20180520T234322_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180520T234345_20180520T234559_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180520T235156_20180520T235324_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records

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	149	149	149	0	0
SIR_LRM_2	149	149	149	0	0
SIR_LRMI2_	149	149	149	0	0
SIR_SAR_1B	110	110	110	0	0
SIR_SAR_2	110	110	110	0	0
SIR_SARI2_	110	110	110	0	0
SIR SIN 1B	108	108	108	0	0
SIR SIN 2	108	108	108	0	0
SIR_SINI2	108	108	108	0	0
SIR GDR 2	14	14	14	0	0

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:

190