

IDEAS+ Daily Report for OFFLINE data:

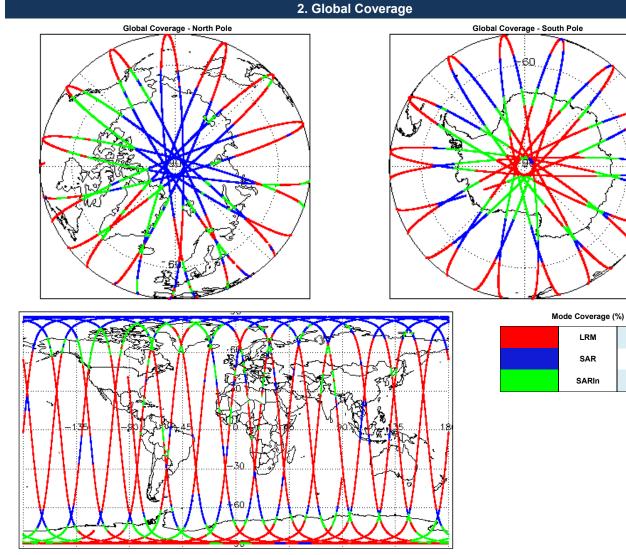
<u>18/11/2018</u>

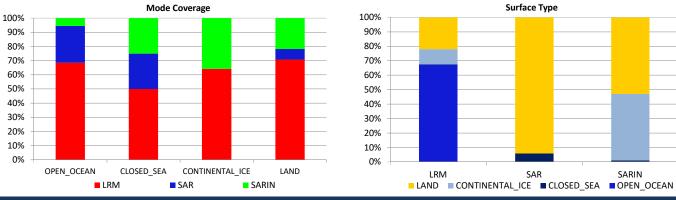
eport Production Date:	01 D = 0010	Check	Status	
Report Production Date.	21-Dec-2018	Server check: science-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal	
Processor Used.		Product Software Check	Nominal	
Data Used:	L1B and L2 OFFLINE Data	Product Format Check	Nominal	
Data Used:		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	

Overview

18-Nov-2018	None	
19-Nov-2018	Nothing planned	

19-Nov-2018 Nothing plan





3. Instrument Configuration

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

68.4

19.2

12.4

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: 0

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:
 0

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.

Number of products with errors:

5. Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

5.3 L2 Auxiliary Data File Usage Check

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

5.4 L2 Auxiliary Correction Error Check

CryoSat L2 data includes a correction error flag (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.

106

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 2 201811181002106 201811181005447 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_220181118T010932_20181118T011030_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_	_20181118T012041_20181118T014432_C001	Height Error (F Error (Retrack
CS_OFFL_SIR_LRM_2_	_20181118T015313_20181118T015638_C001	Surface Model
CS_OFFL_SIR_LRM_2_	_20181118T021643_20181118T023215_C001	Height Error (F (Retracker 3), (Retracker 2)
CS_OFFL_SIR_LRM_2_	_20181118T025659_20181118T031734_C001	Height Error (F Error (Retracke
CS_OFFL_SIR_LRM_2_	_20181118T032738_20181118T033545_C001	Surface Model
CS_OFFL_SIR_LRM_2_	_20181118T034111_20181118T041306_C001	Height Error (F Error (Retrack
CS_OFFL_SIR_LRM_2_	20181118T044635_20181118T045554_C001	Height Error (F (Retracker 3), (Retracker 2)
CS_OFFL_SIR_LRM_2_	_20181118T050715_20181118T051233_C001	Surface Model
CS_OFFL_SIR_LRM_2_	_20181118T051925_20181118T054043_C001	Height Error (F Error (Retrack
CS_OFFL_SIR_LRM_2_	20181118T054329_20181118T055349_C001	Height Error (F Error (Retrack
CS_OFFL_SIR_LRM_2_	_20181118T062450_20181118T062935_C001	Height Error (F Error (Retrack
CS_OFFL_SIR_LRM_2_	20181118T063123_20181118T064137_C001	Height Error (F Error (Retrack
CS_OFFL_SIR_LRM_2_	_20181118T064834_20181118T065133_C001	Surface Model
	20101111025045 20101110722200 0001	Height Error (F
C3_OFFL_SIK_LRM_Z_	_20181118T065845_20181118T073308_C001	(Retracker 3), (Retracker 2)
CS_OFFL_SIR_LRM_2_	_20181118T075455_20181118T081909_C001	Height Error (F Error (Retracke
CS_OFFL_SIR_LRM_2_	_20181118T083804_20181118T085349_C001	Height Error (F Error (Retracker Heignt Error (F
CS_OFFL_SIR_LRM_2_	_20181118T085400_20181118T090624_C001	(Retracker 3), (Retracker 2)
CS_OFFL_SIR_LRM_2_	20181118T092759_20181118T094342_C001	Height Error (F Error (Retracke
CS_OFFL_SIR_LRM_2_	_20181118T095133_20181118T100145_C001	Height Error (F Error (Retracke
CS_OFFL_SIR_LRM_2_	_20181118T100727_20181118T100955_C001	Surface Model
CS_OFFL_SIR_LRM_2_	_20181118T101711_20181118T103130_C001	Height Error (F Error (Retrack
CS_OFFL_SIR_LRM_2_	_20181118T103309_20181118T103927_C001	Height Error (F Error (Retrack
CS_OFFL_SIR_LRM_2_	_20181118T110631_20181118T110836_C001	Height Error (F Error (Retracke
CS OFFL SIR LRM 2	20181118T110958 20181118T111303 C001	Height Error (F (Retracker 3),
		(Retracker 2) Height Error (F
CS_OFFL_SIR_LRM_2_	_20181118T111320_20181118T111708_C001	Error (Retracke Height Error (F
	20181118T111831_20181118T112426_C001	(Retracker 3), (Retracker 2) Height Error (F
	_20181118T112429_20181118T114139_C001	Error (Retrack
	_20181118T114510_20181118T115359_C001	Surface Model Height Error (F
CS_OFFL_SIR_LRM_2_	20181118T115658_20181118T121827_C001	Error (Retracke Height Error (F
CS_OFFL_SIR_LRM_2_	_20181118T123121_20181118T123213_C001	Error (Retrack
CS_OFFL_SIR_LRM_2_	_20181118T125744_20181118T132030_C001	Height Error (F Error (Retrack
CS_OFFL_SIR_LRM_2_	_20181118T133636_20181118T141046_C001	Height Error (F Error (Retracke
CS_OFFL_SIR_LRM_2_	_20181118T142902_20181118T144337_C001	Height Error (F Error (Retracke
CS_OFFL_SIR_LRM_2_	20181118T144914_20181118T145828_C001	Height Error (F Error (Retracke
CS_OFFL_SIR_LRM_2_	20181118T151552_20181118T154025_C001	Height Error (F Error (Retracke
CS_OFFL_SIR_LRM_2_	20181118T160459_20181118T163837_C001	Height Error (F (Retracker 3), (Retracker 2)
CS_OFFL_SIR_LRM_2_	_20181118T165742_20181118T170059_C001	Height Error (F Error (Retracke
CS_OFFL_SIR_LRM_2_	_20181118T170745_20181118T170930_C001	Height Error (F Error (Retracke
CS_OFFL_SIR_LRM_2_	20181118T171832_20181118T172115_C001	Height Error (F Error (Retracke
CS_OFFL_SIR_LRM_2_	20181118T174336_20181118T175346_C001	Height Error (F (Retracker 3), (Retracker 2)
CS_OFFL_SIR_LRM_2_	20181118T175632_20181118T181749_C001	Height Error (F (Retracker 3), (Retracker 2)
CS_OFFL_SIR_LRM_2_	_20181118T183511_20181118T184507_C001	Height Error (R Error (Retrack
CS_OFFL_SIR_LRM_2_	_20181118T184654_20181118T185411_C001	Height Error (F
CS_OFFL_SIR_LRM_2_	20181118T185505_20181118T185927_C001	Height Error (F (Retracker 3), (Retracker 2)
CS_OFFL_SIR_LRM_2_	_20181118T192224_20181118T195647_C001	Height Error (F (Retracker 3), (Retracker 2)

Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
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
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
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
Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
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
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Reträcker 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
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
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
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), 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
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Error (Retracker 2) Height Error (Retracker 2), Height Error	records There is a height and backscatter error for Retracker 2 and a height error
(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
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
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
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
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
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records

CS OFFL SIR LRM 2 20181118T200502 20181118T200737 C001 CS_OFFL_SIR_LRM_2__20181118T201545_20181118T202814_C001 CS OFFL SIR LRM 2 20181118T202834 20181118T204558 C001 CS OFFL SIR LRM 2 20181118T210337 20181118T210610 C001 CS_OFFL_SIR_LRM_2__20181118T210722_20181118T211904_C001 CS_OFFL_SIR_LRM_2__20181118T212108_20181118T213618_C001 CS_OFFL_SIR_LRM_2__20181118T215250_20181118T220059_C001 CS_OFFL_SIR_LRM_2__20181118T220940_20181118T222553_C001 CS_OFFL_SIR_LRM_2__20181118T230033_20181118T231451_C001 CS_OFFL_SIR_LRM_2__20181118T233029_20181119T000404_C001 CS OFFL SIR SIN 2 20181118T000649 20181118T000942 C001 CS_OFFL_SIR_SIN_2__20181118T001353_20181118T001359_C001 CS_OFFL_SIR_SIN_2__20181118T001606_20181118T001905_C001 CS_OFFL_SIR_SIN_2__20181118T014627_20181118T014741_C001 CS OFFL SIR SIN 2 20181118T015307 20181118T015313 C001 CS OFFL SIR SIN 2 20181118T015638 20181118T015757 C001 CS_OFFL_SIR_SIN_2__20181118T024648_20181118T024813_C001 CS_OFFL_SIR_SIN_2__20181118T032614_20181118T032738_C001 CS_OFFL_SIR_SIN_2__20181118T033546_20181118T033657_C001 CS_OFFL_SIR_SIN_2__20181118T050549_20181118T050715_C001 CS OFFL SIR SIN 2 20181118T051233 20181118T051539 C001 CS_OFFL_SIR_SIN_2__20181118T064533_20181118T064833_C001 CS_OFFL_SIR_SIN_2__20181118T065133_20181118T065512_C001 CS_OFFL_SIR_SIN_2__20181118T082610_20181118T082845_C001 CS_OFFL_SIR_SIN_2__20181118T083039_20181118T083308_C001 CS_OFFL_SIR_SIN_2__20181118T083526_20181118T083704_C001 CS OFFL SIR SIN 2 20181118T092116 20181118T092236 C001 CS_OFFL_SIR_SIN_2__20181118T092640_20181118T092759_C001 CS OFFL SIR SIN 2 20181118T100151 20181118T100726 C001 CS_OFFL_SIR_SIN_2__20181118T100956_20181118T101021_C001 CS OFFL SIR SIN 2 20181118T101446 20181118T101626 C001 CS OFFL SIR SIN 2 20181118T105552 20181118T105637 C001 CS_OFFL_SIR_SIN_2__20181118T110049_20181118T110258_C001 CS_OFFL_SIR_SIN_2__20181118T114333_20181118T114510_C001 CS_OFFL_SIR_SIN_2__20181118T115400_20181118T115605_C001 CS_OFFL_SIR_SIN_2__20181118T124001_20181118T124447_C001 CS OFFL SIR SIN 2 20181118T132618 20181118T132722 C001 CS OFFL SIR SIN 2 20181118T133150 20181118T133415 C001 CS_OFFL_SIR_SIN_2__20181118T150245_20181118T150638_C001 CS_OFFL_SIR_SIN_2__20181118T151228_20181118T151353_C001 CS_OFFL_SIR_SIN_2__20181118T155310_20181118T155407_C001 CS_OFFL_SIR_SIN_2__20181118T164230_20181118T164544_C001 CS_OFFL_SIR_SIN_2_20181118T165059_20181118T165210_C001 CS_OFFL_SIR_SIN_2__20181118T181959_20181118T182419_C001 CS_OFFL_SIR_SIN_2__20181118T183000_20181118T183122_C001 CS_OFFL_SIR_SIN_2__20181118T190927_20181118T191335_C001 CS_OFFL_SIR_SIN_2__20181118T195754_20181118T195916_C001 CS OFFL SIR SIN 2 20181118T200737 20181118T200925 C001 CS OFFL SIR SIN 2 20181118T204558 20181118T204718 C001

Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error

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 ecords There is a height and backscatter error for Retracker 2 for one or more ecords 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 ecords There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 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 for Retracker 3 for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more ecords An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records

CS_OFFL_SIR_SIN_220181118T204908_20181118T204932_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181118T205137_20181118T205229_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181118T213658_20181118T213841_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181118T214412_20181118T214419_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181118T214541_20181118T214804_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181118T222553_20181118T222847_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_220181118T222932_20181118T223143_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_220181118T231547_20181118T231759_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181118T232325_20181118T232332_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220181118T232441_20181118T232909_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	162	162	162	0	0
SIR_LRM_2	161	161	161	0	0
SIR_LRMI2_	161	161	161	0	0
SIR_SAR_1B	109	109	109	0	0
SIR_SAR_2	109	109	109	0	0
SIR_SARI2_	109	109	109	0	0
SIR_SIN_1B	107	107	107	0	0
SIR_SIN_2	107	107	107	0	0
SIR_SINI2	107	107	107	0	0
SIR_GDR_2	15	15	15	0	0

6.1 QCC Errors

Number of products with QCC errors:

6.2 QCC Warnings	
Number of QCC reports with warnings	0

0

6.2 Missing QCC Reports

Number of products with missing QCC reports: 180