

IDEAS+ Daily Report for OFFLINE data:

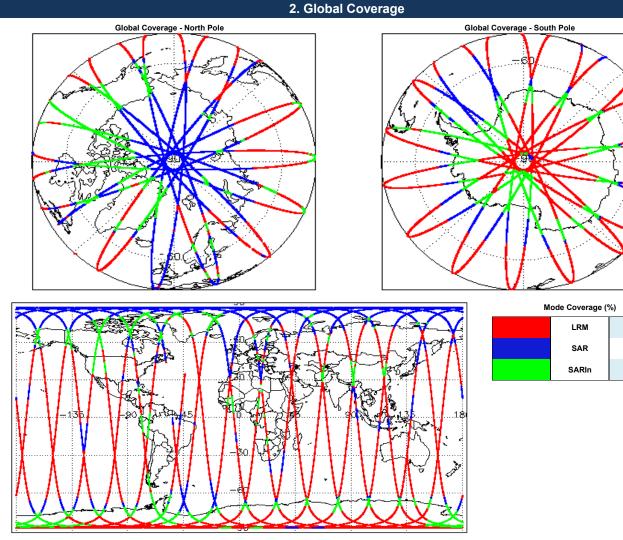
<u>21/01/2018</u>

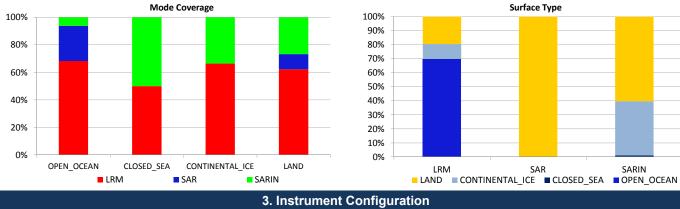
19.9

13.5

0.0

1. Overview					
Report Production Date: 20-Feb-2018		Check	Status		
		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		
Dete Use di	L1B and L2 OFFLINE Data	Product Format Check	Nominal		
Data Used:		Product Header Analysis	See Section 4.2 and 5.2		
		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 / Instrument News					
20-Jan-2018 None					
21-Jan-2018 None					
22-Jan-2018 Nothing planned					





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

SIRAL instrument(s) in use: SIRA

SIRAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

For all products, a series of pre-defined checks are carried out on the MPH a	nd SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chair
Number of products with errors: 3	
Product	Test Failed
CS_OFFL_SIR_SAR_1B_20180121T060816_20180121T060817_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20180121T011810_20180121T011813_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20180121T224520_20180121T224522_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
4.3 Star Tracker Usage Check	
Each product is checked in order to ensure a valid star tracker file has been u	used in processing.
Number of products with errors: 0	
Number of products with errors: 0 4.4 L1B Calibration Usage Check	
	s have been used in processing.
4.4 L1B Calibration Usage Check	s have been used in processing.
4.4 L1B Calibration Usage Check Each product is checked in order to ensure that the necessary calibration files	s have been used in processing.
4.4 L1B Calibration Usage Check Each product is checked in order to ensure that the necessary calibration files Number of products with errors: 0 4.5 L1B Auxilary Data File Usage Check	s have been used in processing. re-determined baseline and also to check the validity of Auxiliary Data Files is correct.
4.4 L1B Calibration Usage Check Each product is checked in order to ensure that the necessary calibration files Number of products with errors: 0 4.5 L1B Auxilary Data File Usage Check	
4.4 L1B Calibration Usage Check Each product is checked in order to ensure that the necessary calibration file: Number of products with errors: 0 4.5 L1B Auxilary Data File Usage Check Each product is checked for missing Data Set Descriptors with respect to a point of the set of	
4.4 L1B Calibration Usage Check Each product is checked in order to ensure that the necessary calibration files Number of products with errors: 0 4.5 L1B Auxilary Data File Usage Check Each product is checked for missing Data Set Descriptors with respect to a p Number of products with errors: 0	re-determined baseline and also to check the validity of Auxiliary Data Files is correct.

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. Number of products with errors: 2

Product	Test Failed
CS_OFFL_SIR_SAR_220180121T011810_20180121T011813_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_220180121T224521_20180121T224522_C001	Percentage of processing errors detected greater than minimum acceptable threshold.

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.

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Product	Test Failed	Description
CS_OFFL_SIR_LRM_220180120T235136_20180121T000802_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_220180121T001017_20180121T002454_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180121T004057_20180121T005623_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3)	records There is a height and backscatter error for Retracker 2 and a height erro for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220180121T005823_20180121T010744_C001	(Retracker 2) 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_220180121T013602_20180121T014551_C001	Height Error (Retracker 3), Backscatter Error (Retracker 3)	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_220180121T015225_20180121T020659_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_220180121T020955_20180121T021814_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more record
CS_OFFL_SIR_LRM_220180121T022031_20180121T023718_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180121T023941_20180121T024153_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180121T030915_20180121T030932_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20180121T031912_20180121T034623_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220180121T035135_20180121T035638_C001	Surface Model Unavailable Height Error (Retracker 2), Backscatter	No DEM or Slope Model was used for the location of one or more record There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180121T035929_20180121T042456_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error	records
CS_OFFL_SIR_LRM_220180121T045655_20180121T050757_C001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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
CS_OFFL_SIR_LRM_220180121T051336_20180121T052411_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220180121T053829_20180121T060721_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_220180121T061447_20180121T061645_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 err for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220180121T062956_20180121T070349_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_220180121T071729_20180121T072323_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_220180121T075335_20180121T075706_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_220180121T080940_20180121T081806_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_220180121T082052_20180121T084309_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_220180121T085628_20180121T090925_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_220180121T091112_20180121T091554_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_220180121T094820_20180121T102150_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_220180121T104006_20180121T111128_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_220180121T113151_20180121T113846_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_220180121T114327_20180121T120103_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_220180121T121805_20180121T123144_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 err for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220180121T124514_20180121T124541_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_220180121T131326_20180121T132347_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_220180121T132527_20180121T133957_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_220180121T140010_20180121T140910_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 err for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220180121T141248_20180121T141735_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_220180121T143006_20180121T143020_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 err for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220180121T145625_20180121T151926_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_220180121T152654_20180121T152947_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more record
CS_OFFL_SIR_LRM_220180121T153246_20180121T160047_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_220180121T162230_20180121T162312_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_220180121T163359_20180121T165853_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_220180121T170552_20180121T170919_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more record
CS_OFFL_SIR_LRM_220180121T171253_20180121T172347_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
		There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2201801211172924_201801211174557_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	
	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	records There is a height and backscatter error for Retracker 2 for one or more records

CS_OFFL_SIR_LRM_2__20180121T184030_20180121T184620_C001 CS OFFL SIR LRM 2 20180121T184626 20180121T184822 C001 CS_OFFL_SIR_LRM_2__20180121T185210_20180121T191522_C001 CS_OFFL_SIR_LRM_2__20180121T191533_20180121T192512_C001 CS_OFFL_SIR_LRM_2__20180121T200113_20180121T201752_C001 CS OFFL SIR LRM 2 20180121T203055 20180121T205323 C001 CS OFFL SIR LRM 2 20180121T211914 20180121T211931 C001 CS_OFFL_SIR_LRM_2__20180121T212933_20180121T213428_C001 CS_OFFL_SIR_LRM_2__20180121T213605_20180121T215534_C001 CS_OFFL_SIR_LRM_2__20180121T220148_20180121T220413_C001 CS_OFFL_SIR_LRM_2__20180121T221058_20180121T224325_C001 CS_OFFL_SIR_LRM_2__20180121T225958_20180121T231913_C001 CS_OFFL_SIR_LRM_2__20180121T231925_20180121T233208_C001 CS OFFL SIR LRM 2 20180121T234125 20180121T234321 C001 CS OFFL SIR LRM 2 20180121T234952 20180122T000544 C001 CS_OFFL_SIR_SIN_2__20180121T002802_20180121T003201_C001 CS OFFL SIR SIN 2 20180121T003411 20180121T003459 C001 CS OFFL SIR SIN 2 20180121T003913 20180121T004048 C001 CS OFFL SIR SIN 2 20180121T012457 20180121T012601 C001 CS OFFL SIR SIN 2 20180121T012644 20180121T012734 C001 CS_OFFL_SIR_SIN_2__20180121T012923_20180121T013129_C001 CS_OFFL_SIR_SIN_2__20180121T020800_20180121T020955_C001 CS OFFL SIR SIN 2 20180121T021814 20180121T022002 C001 CS_OFFL_SIR_SIN_2__20180121T030410_20180121T030915_C001 CS_OFFL_SIR_SIN_2__20180121T034733_20180121T034851_C001 CS_OFFL_SIR_SIN_2_20180121T035051_20180121T035135_C001 CS_OFFL_SIR_SIN_2__20180121T035638_20180121T035914_C001 CS_OFFL_SIR_SIN_2__20180121T043716_20180121T043749_C001 CS OFFL SIR SIN 2 20180121T052655 20180121T052815 C001 CS_OFFL_SIR_SIN_2__20180121T052857_20180121T053057_C001 CS OFFL SIR SIN 2 20180121T053659 20180121T053829 C001 CS_OFFL_SIR_SIN_2__20180121T070644_20180121T071005_C001 CS_OFFL_SIR_SIN_2__20180121T071529_20180121T071647_C001 CS_OFFL_SIR_SIN_2__20180121T084541_20180121T084901_C001 CS_OFFL_SIR_SIN_2__20180121T085421_20180121T085545_C001 CS_OFFL_SIR_SIN_2__20180121T093510_20180121T093755_C001 CS OFFL SIR SIN 2 20180121T102210 20180121T102411 C001 CS_OFFL_SIR_SIN_2__20180121T103252_20180121T103422_C001 CS_OFFL_SIR_SIN_2_20180121T111144_20180121T111246_C001 CS OFFL SIR SIN 2 20180121T111554 20180121T111656 C001 CS_OFFL_SIR_SIN_2__20180121T120114_20180121T120252_C001 CS_OFFL_SIR_SIN_2__20180121T120836_20180121T120840_C001 CS OFFL SIR SIN 2 20180121T121014 20180121T121218 C001 CS OFFL SIR SIN 2 20180121T125035 20180121T125154 C001 CS_OFFL_SIR_SIN_2__20180121T125354_20180121T125610_C001 CS OFFL SIR SIN 2 20180121T134028 20180121T134214 C001 CS_OFFL_SIR_SIN_2__20180121T134734_20180121T134739_C001 CS OFFL SIR SIN 2 20180121T134750 20180121T134754 C001 CS OFFL SIR SIN 2 20180121T134856 20180121T135549 C001 CS_OFFL_SIR_SIN_2__20180121T135714_20180121T140010_C001

Surface Model Unavailable Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) 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) Surface Model Unavailable 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) Surface Model Unavailable Height Error (Retracker 2), 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 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 Unavailabl 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 Unavailab

No DEM or Slope Model was used for the location of one or more records 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 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 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 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 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 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 mo 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 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 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 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

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CS_OFFL_SIR_SIN_220180121T151933_20180121T152248_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T152632_20180121T152638_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T152947_20180121T153153_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T165855_20180121T170030_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T170919_20180121T171043_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T175742_20180121T175818_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_220180121T183905_20180121T184030_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T184620_20180121T184626_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T184822_20180121T184934_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T201834_20180121T201959_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T202512_20180121T202813_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T215845_20180121T220148_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T220413_20180121T220928_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T225511_20180121T225911_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T233851_20180121T234125_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T234321_20180121T234508_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180121T234824_20180121T234951_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	169	169	169	0	0
SIR_LRM_2	168	168	168	0	0
SIR_LRMI2_	168	168	168	0	0
SIR_SAR_1B	110	110	110	0	0
SIR_SAR_2	109	109	109	0	0
SIR_SARI2_	109	109	109	0	0
SIR_SIN_1B	103	103	103	0	0
SIR_SIN_2	103	103	103	0	0
SIR_SINI2	103	103	103	0	0
SIR_GDR_2	14	14	14	0	0

Number of products with QCC errors:

0

0

201

6.2 QCC Warnings

Number of QCC reports with warnings

6.2 Missing QCC Reports

Number of products with missing QCC reports: