



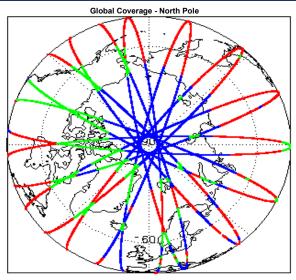
1. Overview

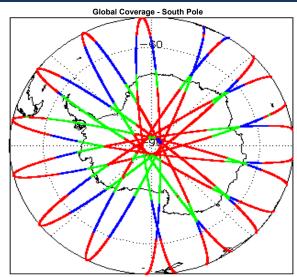
Report Production Date:	01-Dec-2017	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

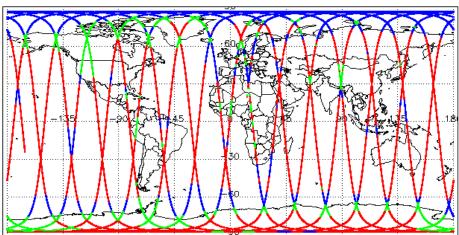
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File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

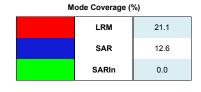
Mission / Instrument News				
02-Nov-20	7 SIRAL unavailability on 2-Nov-2017 from 07:51:53 to 08:31:24, 08:35:29 to 08:43:35 and 08:44:54 to 09:28:07 due to an unexpected ground segment anomaly.			
03-Nov-20	None			
04-Nov-20	Nothing planned			

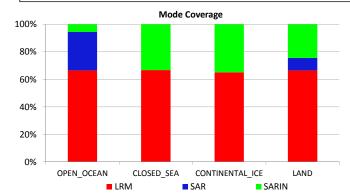
2. Global Coverage

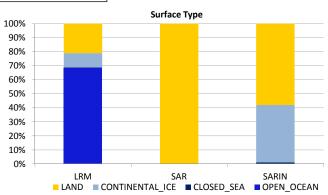












3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A

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: 0

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:

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.

lumber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20171103T041527_20171103T043020_C001		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: 110

Product	Test Failed	Description
CS OFFE SIR FRM 2 2017/11021234927 2017/11031001009 C001	I_ • :	There is a height and backscatter error for Retracker 2 for one or more records
CS OFFI SIR TRM 2 201711031001255 201711031002426 C001	3 (//	There is a height and backscatter error for Retracker 2 for one or more records

CS_OFFL_SIR_LRM_220171103T003418_20171103T003806_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T004531_20171103T005057_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T005414_20171103T010003_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T010052_20171103T011026_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T011608_20171103T012101_C001	Surface Model Unavailable
CS OFFL SIR LRM 2 20171103T012804 20171103T020037 C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error
	(Retracker 2) Height Error (Retracker 2), Backscatter
CS_OFFL_SIR_LRM_2_20171103T020044_20171103T020419_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter
CS_OFFL_SIR_LRM_2_20171103T022150_20171103T024840_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error
CS_OFFL_SIR_LRM_220171103T030744_20171103T032427_C001	(Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T032909_20171103T033648_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T033721_20171103T033948_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T035746_20171103T041313_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T041527_20171103T043020_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T044654_20171103T050056_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_2_20171103T050235_20171103T050525_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T050528_20171103T051845_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T053401_20171103T053415_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T053627_20171103T054740_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error
CS_OFFL_SIR_LRM_2_20171103T054804_20171103T055017_C001	(Retracker 2) Height Error (Retracker 2), Backscatter
	Error (Retracker 2) Height Error (Retracker 2), Height Error
CS_OFFL_SIR_LRM_2_20171103T055700_20171103T061037_C001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter
CS_OFFL_SIR_LRM_220171103T062651_20171103T064824_C001	Error (Retracker 2) Height Error (Retracker 2) Height Error (Retracker 2), Height Error
CS_OFFL_SIR_LRM_220171103T071416_20171103T072159_C001	(Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_2_20171103T072415_20171103T075018_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T075646_20171103T080132_C001	Surface Model Unavailable
CS_OFFL_SIR_LRM_220171103T080735_20171103T083036_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T090313_20171103T091308_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T094523_20171103T100709_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T101955_20171103T102247_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_2_20171103T103448_20171103T110722_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_2_20171103T113112_20171103T113506_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T115815_20171103T120214_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_2_20171103T121355_20171103T122316_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T122602_20171103T124722_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T130449_20171103T131432_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T131620_20171103T132225_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T132357_20171103T132854_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T135055_20171103T142559_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_2_20171103T144512_20171103T151624_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_2_20171103T153109_20171103T154358_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_2_20171103T154513_20171103T160532_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_2_20171103T162252_20171103T163247_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_2_20171103T163906_20171103T165450_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220171103T171317_20171103T172857_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error
CS_OFFL_SIR_LRM_2_20171103T173037_20171103T174358_C001	(Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)
	Error (Retracker 2)

There is a height and backscatter error for Retracker 2 for one or more There is a height and backscatter error for Retracker 2 for one or more records

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

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 for one or more

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

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

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

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

There is a height and backscatter error for Retracker 2 for one or more

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, a height error for Retracker 3 and no surface model available 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 and a height error for Retracker 3 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

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 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

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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 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

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 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

	Height Error (Retracker 2), Height Error	
CS_OFFL_SIR_LRM_220171103T180405_20171103T181958_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_220171103T182001_20171103T182244_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_220171103T182503_20171103T183544_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_220171103T190136_20171103T192224_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_220171103T193858_20171103T200641_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_220171103T203754_20171103T210209_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_220171103T213433_20171103T215135_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_220171103T221852_20171103T222202_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_220171103T223733_20171103T224112_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_220171103T225907_20171103T233110_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_220171103T234324_20171103T234514_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_2_20171103T003327_20171103T003418_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_2_20171103T011453_20171103T011608_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171103T012101_20171103T012426_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171103T021630_20171103T021716_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_2_20171103T025538_20171103T025813_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T030006_20171103T030342_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171103T030355_20171103T030632_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T035050_20171103T035211_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T035518_20171103T035746_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T043059_20171103T043704_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 An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220171103T043919_20171103T043958_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T044418_20171103T044554_C001	SARIn X-track Angle Error	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
CS_OFFL_SIR_SIN_220171103T053011_20171103T053225_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIII mode for one or more An ambiguous angle was detected for SARIII mode for one or more
CS_OFFL_SIR_SIN_220171103T053415_20171103T053626_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20171103T061306_20171103T061455_C001	SARIn X-track Angle Error	An ambiguous angle was detected to SARIII mode for one or more An ambiguous angle was detected for SARIII mode for one or more
CS_OFFL_SIR_SIN_220171103T062322_20171103T062511_C001	SARIn X-track Angle Error SARIn X-track Angle Error, Surface	An ambiguous angle was detected to SARIII mode for the or more records An ambiguous angle was detected for SARIII mode and no DEM or Slope
CS_OFFL_SIR_SIN_220171103T070924_20171103T071415_C001	Model Unavailable	Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220171103T075239_20171103T075359_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20171103T075554_20171103T075645_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20171103T080133_20171103T080345_C001	SARIn X-track Angle Error SARIn X-track Angle Error, Surface	records An ambiguous angle was detected for SARIn mode and no DEM or Slope
CS_OFFL_SIR_SIN_220171103T084410_20171103T084434_C001	Model Unavailable	Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20171103T093207_20171103T093327_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_220171103T093351_20171103T093604_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20171103T094201_20171103T094329_C001	SARIn X-track Angle Error SARIn X-track Angle Error, Surface	records An ambiguous angle was detected for SARIn mode and no DEM or Slope
CS_OFFL_SIR_SIN_2_20171103T102317_20171103T102335_C001	Model Unavailable	Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20171103T111157_20171103T111512_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20171103T112032_20171103T112151_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20171103T125043_20171103T125402_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2_20171103T125927_20171103T130052_C001	SARIn X-track Angle Error SARIn X-track Angle Error, Surface	records An ambiguous angle was detected for SARIn mode and no DEM or Slope
CS_OFFL_SIR_SIN_2_20171103T133728_20171103T133810_C001 CS_OFFL_SIR_SIN_2_20171103T134000_20171103T134306_C001	Model Unavailable SARIn X-track Angle Error	Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_22017/11031134000_2017/11031134306_C001 CS_OFFL_SIR_SIN_22017/11031142718_2017/11031142908_C001	•	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_22017/11031142/18_2017/11031142908_C001 CS_OFFL_SIR_SIN_22017/11031143737_2017/11031143915_C001	SARIn X-track Angle Error SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_22017/11031143/3/_2017/11031143915_C001 CS_OFFL_SIR_SIN_22017/1103T151624_2017/1103T151743_C001	SARIN X-track Angle Error SARIN X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_22017/103115/1054_2017/103115/143_C001	SARIN X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_22017/1031192106_2017/1031192209_C001 CS_OFFL_SIR_SIN_22017/1031160623_2017/1031160803_C001	SARIN X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_22017/1031100023_2017/1031100003_C001	SARIN X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
CS_OFFL_SIR_SIN_2201711031101342_201711031101340_C001	SARIn X-track Angle Error	records An ambiguous angle was detected for SARIn mode for one or more
		records

CS_OFFL_SIR_SIN_2_20171103T165450_20171103T165751_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171103T165904_20171103T170119_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_2_20171103T174535_20171103T174721_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171103T175240_20171103T175245_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T175255_20171103T175301_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T175404_20171103T180058_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T192527_20171103T192800_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T193138_20171103T193144_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T193507_20171103T193705_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T210408_20171103T210542_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T211051_20171103T211058_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T211426_20171103T211553_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T224420_20171103T224541_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220171103T225124_20171103T225156_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20171103T225326_20171103T225439_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	144	144	144	0	0
SIR_LRM_2	143	143	143	0	0
SIR_LRMI2_	143	143	143	0	0
SIR_SAR_1B	95	95	95	0	0
SIR_SAR_2	95	95	95	0	0
SIR_SARI2_	95	95	95	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

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:

181