





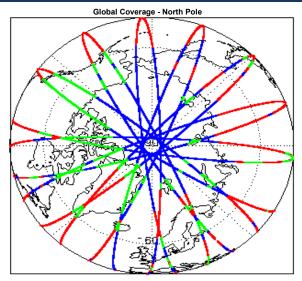
1. Overview

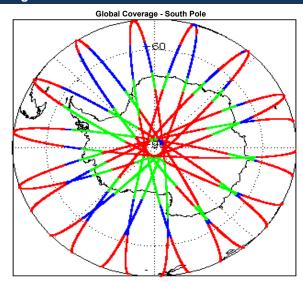
Report Production Date: 17-Jan-2019		
Processor Used:	CryoSat Ice Processor	
Data Used:	L1B and L2 OFFLINE Data	

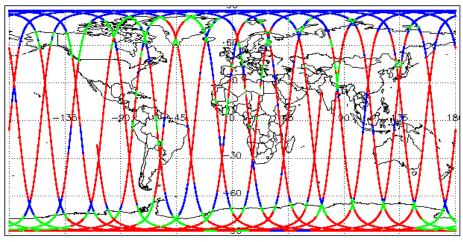
Check	Status		
Server check: science-pds.cryosat.esa.int	Nominal		
Server check: calval-pds.cryosat.esa.int	Nominal		
Product Software Check	Nominal		
Product Format Check	Nominal		
Product Header Analysis	See Section 4.2 and 5.2		
Star Tracker Usage Check	Nominal		
L1B Calibration Usage Check	Nominal		
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		

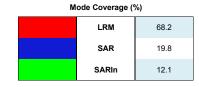
Mission / Instru	ument News
14-Dec-2018	None
15-Dec-2018	None
16-Dec-2018	Nothing planned

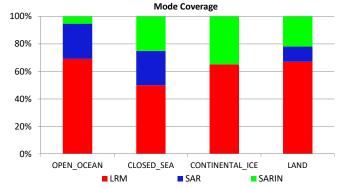
2. Global Coverage

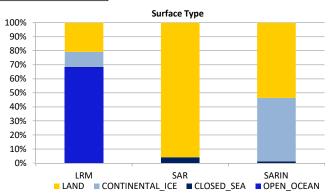












3. Instrument Configuration

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:

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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:

Product	Test Failed		
CS_OFFL_SIR_SAR_1B_20181215T092548_20181215T092549_C001.DBL	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 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.

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:

Product	Test Failed
CS_OFFL_SIR_SAR_220181215T092548_20181215T092549_C001.DBL	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: 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:

C

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: 11

Product Test Failed Height Error		Description	
Height Error		Bestingtion	
CS_OFFL_SIR_LRM_2_20181214T235803_20181215T002253_C001	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
CS_OFFL_SIR_LRM_2_20181215T003036_20181215T003401_C001 Surface Mod	del Unavailable	No DEM or Slope Model was used for the location of one or more records	
CS_OFFL_SIR_LRM_2_20181215T005405_20181215T010928_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
	(Retracker 2), Height Error 3), Backscatter Error 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_20181215T020500_20181215T021308_C001 Surface Mod	del Unavailable	No DEM or Slope Model was used for the location of one or more records	
CS_OFFL_SIR_LRM_2_20181215T021746_20181215T025033_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
	(Retracker 2), Height Error 3), Backscatter Error 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_20181215T032357_20181215T0333319_C001 Height Error (Retraction (Retracti	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
CS_OFFL_SIR_LRM_2_20181215T033406_20181215T033957_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
CS_OFFL_SIR_LRM_2_20181215T034438_20181215T034956_C001 Surface Mod	del Unavailable	No DEM or Slope Model was used for the location of one or more records	
CS_OFFL_SIR_LRM_2_20181215T035629_20181215T041804_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
CS_OFFL_SIR_LRM_2_20181215T042050_20181215T043033_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
CS_OFFL_SIR_LRM_2_20181215T050217_20181215T050700_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
CS_OFFL_SIR_LRM_2_20181215T050848_20181215T051914_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
CS_OFFL_SIR_LRM_2_20181215T052549_20181215T052856_C001 Surface Mod	del Unavailable	No DEM or Slope Model was used for the location of one or more records	
	(Retracker 2), Height Error 3), Backscatter Error 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_20181215T062404_20181215T062429_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
CS_OFFL_SIR_LRM_2_20181215T063227_20181215T065634_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
CS_OFFL_SIR_LRM_2_20181215T071456_20181215T073109_C001 Height Error Error (Retraction (Re	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
CS_OFFL_SIR_LRM_2_20181215T073124_20181215T073223_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
	(Retracker 2), Height Error 3), Backscatter Error 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_20181215T080525_20181215T082107_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
CS_OFFL_SIR_LRM_2_20181215T082727_20181215T083908_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
CS_OFFL_SIR_LRM_2_20181215T084451_20181215T084718_C001 Surface Mod	del Unavailable	No DEM or Slope Model was used for the location of one or more records	
CS_OFFL_SIR_LRM_2_20181215T085427_20181215T090851_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
CS_OFFL_SIR_LRM_2_20181215T091030_20181215T091123_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
	(Retracker 2), Height Error 3), Backscatter Error 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_20181215T094723_20181215T095030_C001 Height Error (Retraction (Retractio	(Retracker 2), Backscatter cker 2)	There is a height and backscatter error for Retracker 2 for one or more records	
	(Retracker 2), Height Error 3), Backscatter Error	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_20181215T095556_20181215T100116_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_220181215T100257_20181215T101937_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_220181215T102235_20181215T103121_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220181215T103343_20181215T105555_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_220181215T110843_20181215T110940_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_220181215T112432_20181215T115817_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_20181215T121258_20181215T123743_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_2_20181215T130633_20181215T132103_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_220181215T132639_20181215T133626_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_220181215T135226_20181215T141221_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_20181215T141247_20181215T141708_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_20181215T141712_20181215T141752_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_20181215T144221_20181215T151619_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_220181215T153930_20181215T154656_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_20181215T162153_20181215T163111_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_20181215T163357_20181215T165532_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_2_20181215T171211_20181215T172228_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_20181215T172416_20181215T173132_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_20181215T173219_20181215T173648_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_20181215T180139_20181215T183448_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_2_20181215T184226_20181215T184503_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20181215T185307_20181215T190536_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_20181215T190548_20181215T192318_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_20181215T194437_20181215T195629_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_20181215T195833_20181215T201346_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_2_20181215T203016_20181215T204042_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_20181215T204701_20181215T205906_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_2_20181215T213830_20181215T215251_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_220181215T220707_20181215T224044_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_20181215T230828_20181215T233201_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_220181215T233953_20181215T234320_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220181215T234616_20181216T001436_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_220181215T002353_20181215T002507_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS OFFL SIR SIN 2 20181215T003030 20181215T003036 C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
		1000140

00 0551 010 011 0 0044015554000 00440155540550 004	SARIn X-track Angle Error, Surface	An ambiguous angle was detected for SARIn mode and no DEM or Slope	
CS_OFFL_SIR_SIN_220181215T012409_20181215T012539_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_220181215T020337_20181215T020500_C001	SARIn X-track Angle Error	records	
CS_OFFL_SIR_SIN_220181215T021308_20181215T021420_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T034313_20181215T034438_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T034957_20181215T035302_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T044127_20181215T044147_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_220181215T052256_20181215T052549_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_2_20181215T052856_20181215T053233_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_2_20181215T070334_20181215T070608_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_2_20181215T070802_20181215T071036_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T071245_20181215T071426_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T075840_20181215T080000_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T080409_20181215T080525_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T083908_20181215T084451_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T084718_20181215T084745_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T085209_20181215T085348_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T093312_20181215T093402_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_220181215T093812_20181215T094021_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T102057_20181215T102235_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T103121_20181215T103330_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_2_20181215T111724_20181215T112211_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_220181215T120032_20181215T120158_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T120342_20181215T120445_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_2_20181215T120913_20181215T121136_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T134008_20181215T134400_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T134951_20181215T135116_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T143035_20181215T143130_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_220181215T151954_20181215T152307_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T152822_20181215T152932_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T165727_20181215T170144_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_2_20181215T170723_20181215T170845_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T174652_20181215T175058_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T183518_20181215T183643_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_2_20181215T184503_20181215T184649_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	
CS_OFFL_SIR_SIN_220181215T192319_20181215T192434_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records	

CS_OFFL_SIR_SIN_2_20181215T192901_20181215T192953_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181215T201422_20181215T201604_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181215T202135_20181215T202142_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181215T202305_20181215T202526_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181215T210313_20181215T210607_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181215T210656_20181215T210907_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_20181215T215314_20181215T215520_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181215T220049_20181215T220055_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181215T220204_20181215T220634_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181215T225246_20181215T225319_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_20181215T233328_20181215T233602_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181215T233931_20181215T233938_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181215T233947_20181215T233953_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20181215T234321_20181215T234503_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	166	166	166	0	0
SIR_LRM_2	165	165	165	0	0
SIR_LRMI2_	165	165	165	0	0
SIR_SAR_1B	126	126	126	0	0
SIR_SAR_2	126	126	126	0	0
SIR_SARI2_	126	126	126	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	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:

200