

IDEAS+ Daily Report for OFFLINE data:

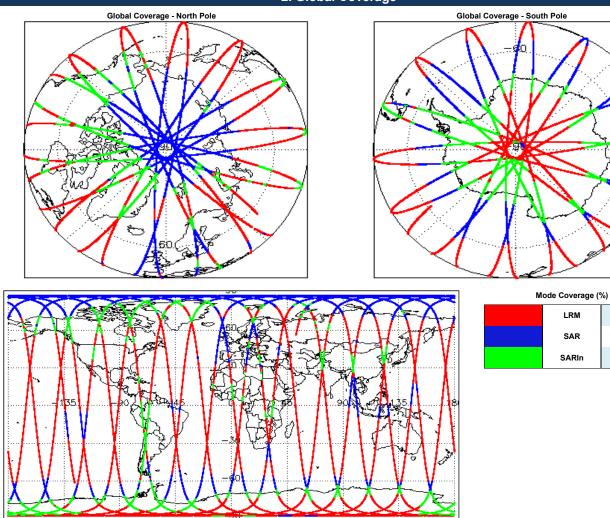
<u>15/09/2017</u>

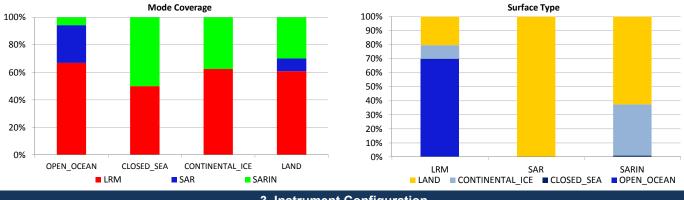
20.6

14.4

0.0

		1. Overview	
Report Production Date:	16-Oct-2017	Check	Status
Report Froduction Date.	10-001-2017	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
Flocessol Used.	Cryosal ice Frocessor	Product Software Check	Nominal
Data Used:	L1B and L2 OFFLINE Data	Product Format Check	Nominal
Data Oseu.	LIB and LZ OFFLINE Data	Product Header Analysis	See Section 4.2
		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
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lission / Instrument News			
14-Sep-2017 None			
15-Sep-2017 None			
16-Sep-2017 Nothing planned			
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		2. Global Coverage	





3. Instrument Configuration

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

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	er to identify any inconsistencies and/or errors raised by the ground-segment processing chain.
Number of products with errors: 1	
Product	Test Failed
CS_OFFL_SIR_SIN_1B_20170915T122437_20170915T122438_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 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:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20170915T104513_20170915T104815_C001	IE Cho error I RK echo error	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: 0

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.

Product		Description
CS_OFFL_SIR_LRM_220170915T001452_20170915T003217_C001		There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220170915T004408_20170915T005240_C001		There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220170915T005523_20170915T010456_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220170915T012602_20170915T013139_C001	. ,	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170915T013918_20170915T021141_C001		There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220170915T021335_20170915T021500_C001	Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220170915T022345_20170915T022539_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2), Surface Model Unavailable	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
CS_OFFL_SIR_LRM_220170915T024408_20170915T025952_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_220170915T031738_20170915T035258_C001		There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220170915T041508_20170915T041929_C001		There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220170915T042024_20170915T043803_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220170915T044733_20170915T044937_C001		No DEM or Slope Model was used for the location of one or more records
	Height Error (Retracker 2), Height Error	There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_220170915T045717_20170915T051658_C001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error	for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_220170915T051836_20170915T053256_C001	(Retracker 2) Height Error (Retracker 2), Height Error	for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_220170915T054455_20170915T060339_C001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220170915T060635_20170915T061836_C001	. ,	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220170915T062646_20170915T062846_C001		No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170915T063615_20170915T065107_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_220170915T065308_20170915T070230_C001	Height Error (Retracker 2), Height 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_220170915T072346_20170915T074150_C001	(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_220170915T080456_20170915T081250_C001		No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170915T081603_20170915T083012_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220170915T090344_20170915T090356_C001	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_220170915T090433_20170915T090646_C001	(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_220170915T090755_20170915T092209_C001	S	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220170915T094324_20170915T094535_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170915T094555_20170915T095139_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170915T095607_20170915T101940_C001	-	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220170915T103002_20170915T103222_C001		There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220170915T103239_20170915T103257_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	records 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_220170915T105104_20170915T110231_C001	(Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220170915T113507_20170915T120214_C001	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_20170915T120214_C001		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_220170915T122523_20170915T125616_C001	Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220170915T140401_20170915T143635_C001	Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220170915T145426_20170915T151043_C001	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_220170915T152837_20170915T152942_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220170915T154029_20170915T161528_C001	Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20170915T162103_20170915T162346_C001		No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170915T162403_20170915T162802_C001		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
CS_OFFL_SIR_LRM_220170915T163318_20170915T165859_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220170915T171858_20170915T173320_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error	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
CS_OFFL_SIR_LRM_2_20170915T173801_20170915T175451_C001	(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220170915T181340_20170915T182621_C001	5	records

CS OFFL SIR LRM 2 20170915T182835 20170915T184800 C001 CS OFFL SIR LRM 2 20170915T190753 20170915T191346 C001 CS OFFL SIR LRM 2 20170915T191349 20170915T191724 C001 CS_OFFL_SIR_LRM_2__20170915T192000_20170915T193343_C001 CS_OFFL_SIR_LRM_2__20170915T200104_20170915T200204_C001 CS_OFFL_SIR_LRM_2__20170915T200927_20170915T201212_C001 CS_OFFL_SIR_LRM_2__20170915T201334_20170915T202045_C001 CS_OFFL_SIR_LRM_2__20170915T202208_20170915T202422_C001 CS_OFFL_SIR_LRM_2__20170915T202447_20170915T202509_C001 CS_OFFL_SIR_LRM_2_20170915T205648_20170915T211228_C001 CS_OFFL_SIR_LRM_2__20170915T212848_20170915T215250_C001 CS OFFL SIR LRM 2 20170915T221528 20170915T221749 C001 CS_OFFL_SIR_LRM_2__20170915T222741_20170915T225129_C001 CS_OFFL_SIR_LRM_2__20170915T230032_20170915T230357_C001 CS_OFFL_SIR_LRM_2__20170915T230739_20170915T231826_C001 CS OFFL SIR LRM 2 20170915T232402 20170915T233914 C001 CS OFFL SIR LRM 2 20170915T235534 20170916T000157 C001 CS OFFL SIR SIN 2 20170915T012448 20170915T012602 C001 CS OFFL SIR SIN 2 20170915T013140 20170915T013316 C001 CS_OFFL_SIR_SIN_2__20170915T013342_20170915T013457_C001 CS OFFL SIR SIN 2 20170915T022250 20170915T022313 C001 CS_OFFL_SIR_SIN_2__20170915T022323_20170915T022345_C001 CS OFFL SIR SIN 2 20170915T030402 20170915T030525 C001 CS OFFL SIR SIN 2 20170915T031034 20170915T031343 C001 CS_OFFL_SIR_SIN_2__20170915T044448_20170915T044733_C001 CS_OFFL_SIR_SIN_2__20170915T044937_20170915T045505_C001 CS OFFL SIR SIN 2 20170915T054027 20170915T054455 C001 CS_OFFL_SIR_SIN_2__20170915T062847_20170915T062958_C001 CS_OFFL_SIR_SIN_2__20170915T063349_20170915T063529_C001 CS_OFFL_SIR_SIN_2_20170915T071928_20170915T072038_C001 CS_OFFL_SIR_SIN_2__20170915T072155_20170915T072346_C001 CS_OFFL_SIR_SIN_2__20170915T080131_20170915T080456_C001 CS OFFL SIR SIN 2 20170915T081250 20170915T081438 C001 CS OFFL SIR SIN 2 20170915T085847 20170915T090344 C001 CS OFFL SIR SIN 2 20170915T094134 20170915T094324 C001 CS_OFFL_SIR_SIN_2__20170915T094535_20170915T094555_C001 CS_OFFL_SIR_SIN_2__20170915T095139_20170915T095401_C001 CS_OFFL_SIR_SIN_2__20170915T103222_20170915T103239_C001 CS OFFL SIR SIN 2 20170915T103336 20170915T103410 C001 CS_OFFL_SIR_SIN_2__20170915T112106_20170915T112246_C001 CS OFFL SIR SIN 2 20170915T112358 20170915T112533 C001 CS_OFFL_SIR_SIN_2__20170915T113003_20170915T113248_C001 CS_OFFL_SIR_SIN_2__20170915T130107_20170915T130443_C001 CS_OFFL_SIR_SIN_2_20170915T131019_20170915T131134_C001 CS OFFL SIR SIN 2 20170915T144027 20170915T144347 C001 CS_OFFL_SIR_SIN_2__20170915T144859_20170915T145024_C001 CS_OFFL_SIR_SIN_2__20170915T153111_20170915T153224_C001 CS OFFL SIR SIN 2 20170915T161739 20170915T162103 C001

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

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 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 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 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 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 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 No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records 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 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 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 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

CS_OFFL_SIR_SIN_220170915T162802_20170915T162910_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170915T170658_20170915T170809_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170915T171026_20170915T171137_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170915T175544_20170915T175725_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170915T180505_20170915T180655_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170915T184814_20170915T185002_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170915T185006_20170915T185051_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_220170915T193504_20170915T193650_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170915T194213_20170915T194219_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170915T194335_20170915T195027_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170915T202510_20170915T202933_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_220170915T211408_20170915T211649_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170915T212112_20170915T212118_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170915T212314_20170915T212621_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170915T225348_20170915T225503_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170915T230357_20170915T230515_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170915T235358_20170915T235450_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

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	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR_LRM_1B	138	138	138	0	0
SIR_LRM_2	138	138	138	0	0
SIR_LRMI2_	138	138	138	0	0
SIR_SAR_1B	90	90	90	0	0
SIR_SAR_2	90	90	90	0	0
SIR_SARI2_	90	90	90	0	0
SIR_SIN_1B	108	108	108	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

Number of products with missing QCC reports: 187