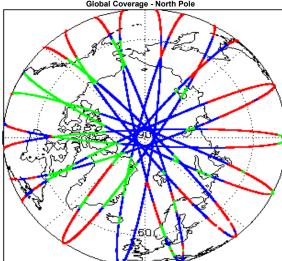
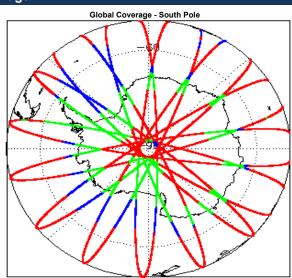


# IDEAS+ Daily Report for OFFLINE data:

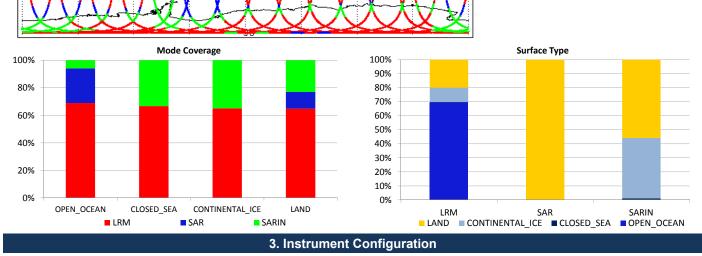
27/01/2018

		1. Overview	
Papart Braduation Data	26-Feb-2018	Check	Status
Report Production Date:	20-Feb-2018	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	On a Ont las Dressesses	Server check: calval-pds.cryosat.esa.int	Nominal
Processor Useu.	CryoSat Ice Processor	Product Software Check	Nominal
Dete Head		Product Format Check	Nominal
Data Used:	L1B and L2 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
ission / Instrument News			
26-Jan-2018 None			
27-Jan-2018 None			
28-Jan-2018 Nothing planned			
		2. Global Coverage	
	Global Coverage - North Pole		rage - South Pole





Mode Coverage (%) LRM 19.8 SAR 12.6 SARIn 0.0



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 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_SAR_1B_20180127T010617_20180127T010618_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_20180127T074139_20180127T074218_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: 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	Test Failed	Description
CS_OFFL_SIR_LRM_220180127T000258_20180127T001753_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 20180127T003333 20180127T004828 C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
C3_OFFL_SIK_LKWI_Z201601271003333_201601271004626_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220180127T005007_20180127T005256_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_220180127T005259_20180127T010453_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_220180127T012817_20180127T013523_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
C3_011E_31K_EKW_Z201001271012017_201001271013323_0001	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_220180127T013534_20180127T013751_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220180127T021311_20180127T023556_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_220180127T031147_20180127T033902_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_220180127T034419_20180127T034906_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180127T035508_20180127T041806_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180127T045043_20180127T050039_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_220180127T050618_20180127T051647_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_220180127T053108_20180127T055121_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220180127T055123_20180127T055435_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_220180127T060727_20180127T060924_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_220180127T062219_20180127T065636_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_220180127T074545_20180127T074806_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180127T080215_20180127T081047_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error	records
CS_OFFL_SIR_LRM_220180127T081333_20180127T083550_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_220180127T084904_20180127T090205_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_220180127T090352_20180127T090957_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_220180127T094104_20180127T101438_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_220180127T103245_20180127T110341_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_220180127T112301_20180127T113129_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_220180127T113256_20180127T115349_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_220180127T121025_20180127T122019_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180127T122638_20180127T123800_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_2_20180127T130408_20180127T131629_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)	records
CS_OFFL_SIR_LRM_220180127T134831_20180127T135106_C001	Height Error (Retracker 3)	There is a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220180127T135139_20180127T141015_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_220180127T141246_20180127T142000_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_220180127T144907_20180127T151224_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180127T152524_20180127T155208_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_220180127T161516_20180127T161653_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220180127T162604_20180127T165137_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_220180127T170541_20180127T171627_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_220180127T172205_20180127T173905_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_220180127T180624_20180127T180814_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180127T182505_20180127T183108_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220180127T184451_20180127T191754_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_220180127T194638_20180127T201035_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_220180127T202329_20180127T205752_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_2_20180127T212225_20180127T212206_C001	(Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180127T212746_20180127T214635_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220180127T215439_20180127T215653_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180127T220353_20180127T223436_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_220180127T225245_20180127T231128_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\_\_20180127T231207\_20180127T232521\_C001 CS OFFL SIR LRM 2 20180127T233404 20180127T233601 C001 CS OFFL SIR LRM 2 20180127T234243 20180127T235823 C001 CS OFFL SIR SIN 2 20180127T001832 20180127T002438 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T002653\_20180127T002732\_C001 CS OFFL SIR SIN 2 20180127T003151 20180127T003328 C001 CS OFFL SIR SIN 2 20180127T011741 20180127T011955 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T012146\_20180127T012357\_C001 CS\_OFFL\_SIR\_SIN\_2\_20180127T020039\_20180127T020228\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T021056\_20180127T021244\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T025654\_20180127T030146\_C001 CS OFFL SIR SIN 2 20180127T034012 20180127T034133 C001 CS OFFL SIR SIN 2 20180127T034328 20180127T034419 C001 CS OFFL SIR SIN 2 20180127T034906 20180127T035119 C001 CS OFFL SIR SIN 2 20180127T043140 20180127T043205 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T051940\_20180127T052100\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T052125\_20180127T052338\_C001 CS OFFL SIR SIN 2 20180127T052934 20180127T053103 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T061048\_20180127T061105\_C001 CS OFFL SIR SIN 2 20180127T065930 20180127T070246 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T070806\_20180127T070925\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T083816\_20180127T084136\_C001 CS OFFL SIR SIN 2 20180127T084701 20180127T084825 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T092458\_20180127T092540\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T092731\_20180127T093036\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T101451\_20180127T101642\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T102511\_20180127T102649\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T110356\_20180127T110513\_C001 CS OFFL SIR SIN 2 20180127T110836 20180127T110935 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T115356\_20180127T115536\_C001 CS OFFL SIR SIN 2 20180127T120115 20180127T120121 C001 CS OFFL SIR SIN 2 20180127T120250 20180127T120500 C001 CS OFFL SIR SIN 2 20180127T124220 20180127T124521 C001 CS OFFL SIR SIN 2 20180127T124634 20180127T124849 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T133308\_20180127T133454\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T134013\_20180127T134019\_C001 CS OFFL SIR SIN 2 20180127T134029 20180127T134035 C001 CS OFFL SIR SIN 2 20180127T134138 20180127T134831 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T151300\_20180127T151533\_C001 CS OFFL SIR SIN 2 20180127T151911\_20180127T151918\_C001 CS\_OFFL\_SIR\_SIN\_2\_20180127T151927\_20180127T151933\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T152240\_20180127T152438\_C001 CS OFFL SIR SIN 2 20180127T165141 20180127T165315 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T165825\_20180127T165831\_C001 CS\_OFFL\_SIR\_SIN\_2\_20180127T170159\_20180127T170327\_C001 CS OFFL SIR SIN 2 20180127T183153 20180127T183315 C001 CS OFFL SIR SIN 2 20180127T183858 20180127T183929 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T184059\_20180127T184213\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T201115\_20180127T201241\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180127T201751\_20180127T202056\_C001 CS OFFL SIR SIN 2 20180127T215142 20180127T215439 C001

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

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 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 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 and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more 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 for one or more records

CS_OFFL_SIR_SIN_220180127T215653_20180127T220213_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180127T224748_20180127T225208_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180127T233602_20180127T233730_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180127T234104_20180127T234239_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	156	156	156	0	0
SIR_LRM_2	155	155	155	0	0
SIR_LRMI2_	155	155	155	0	0
SIR_SAR_1B	115	115	115	0	0
SIR_SAR_2	113	113	113	0	0
SIR_SARI2_	113	113	113	0	0
SIR_SIN_1B	100	100	100	0	0
SIR_SIN_2	100	100	100	0	0
SIR_SINI2	100	100	100	0	0
SIR_GDR_2	14	14	14	0	0

6.1	QCC	Errors
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Number of products with QCC errors:

## 6.2 QCC Warnings

Number of QCC reports with warnings

## 6.2 Missing QCC Reports

Number of products with missing QCC reports: 203

0

0