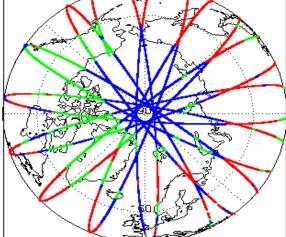


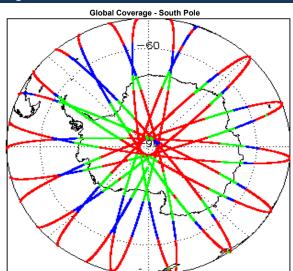
IDEAS+ Daily Report for OFFLINE data:

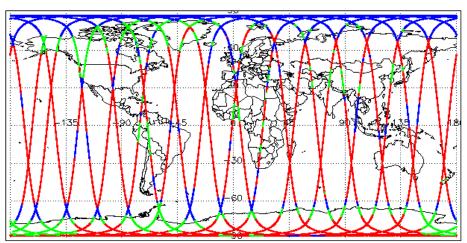
<u>18/06/2018</u>

Report Production Date:	18-Jul-2018	Check	Status	
Report Froduction Date.	10-Jul-2010	Server check: science-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal	
		Product Software Check	Nominal	
Data Used:	L1B and L2 OFFLINE Data	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 / Instru	Iment News	
17-Jun-2018	None	
18-Jun-2018	None	
19-Jun-2018	Nothing planned	
	2. G	ilobal Coverage
	Global Coverage - North Pole	Global Coverage - South Pole
	NEV 200	-60

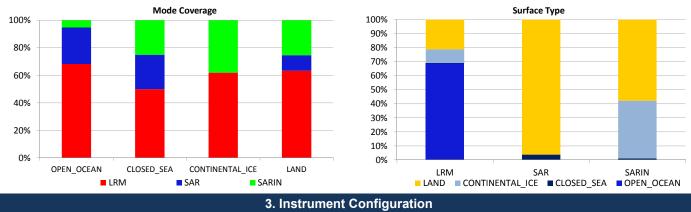






Mode (Coverage	(%)
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LRM	20.3			
SAR	13.2			
SARIn	0.0			



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

SIRAL instrument(s) in use: SIR

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: 0

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:

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: 0

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: 2

Product Test Failed Description CS_OFFL_SIR_LRM_1B_20180618T225933_20180618T230044_C001 Echo error, TRK echo error The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo CS_OFFL_SIR_LRM_1B_20180618T230117_20180618T230300_C001 Echo error, TRK 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: 0

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.

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:

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:

CS_OFFL_SIR_LRM_2_20180618T001051_20180618T004410_C001 CS_OFFL_SIR_LRM_2_20180618T012742_20180618T012803_C001 CS_OFFL_SIR_LRM_2_20180618T012742_20180618T021807_C001 CS_OFFL_SIR_LRM_2_20180618T014822_20180618T021807_C001 CS_OFFL_SIR_LRM_2_20180618T021818_20180618T022251_C001 CS_OFFL_SIR_LRM_2_20180618T023952_20180618T031344_C001 CS_OFFL_SIR_LRM_2_20180618T023952_20180618T034030_C001 CS_OFFL_SIR_LRM_2_20180618T032612_20180618T040213_C001 CS_OFFL_SIR_LRM_2_20180618T042102_20180618T045227_C001 CS_OFFL_SIR_LRM_2_20180618T052630_20180618T054108_C001 CS_OFFL_SIR_LRM_2_20180618T052630_20180618T054108_C001 CS_OFFL_SIR_LRM_2_20180618T061927_20180618T054108_C001 CS_OFFL_SIR_LRM_2_20180618T061927_20180618T072001_C001 CS_OFFL_SIR_LRM_2_20180618T07502_20180618T072001_C001 CS_OFFL_SIR_LRM_2_20180618T075322_20180618T073002_C001 CS_OFFL_SIR_LRM_2_20180618T073522_20180618T082631_C001 CS_OFFL_SIR_LRM_2_20180618T097352_20180618T092534_C001 CS_OFFL_SIR_LRM_2_20180618T091430_20180618T092534_C001 CS_OFFL_SIR_LRM_2_20180618T094424_20180618T094331_C001 CS_OFFL_SIR_LRM_2_20180618T094424_20180618T094541_C001 CS_OFFL_SIR_LRM_2_20180618T094425_20180618T094541_C001 CS_OFFL_SIR_LRM_2_20180618T094424_20180618T094541_C001 CS_OFFL_SIR_LRM_2_2018	 Height Error (Retracker 2), 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 Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height E	There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records No DEM or Slope Model was used for the location of one or more records 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
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CS_OFFL_SIR_LRM_220180618T101220_20180618T103856_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 for one or more records
	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	
CS_OFFL_SIR_LRM_220180618T104635_20180618T105007_C001	(Retracker 2)	for Retracker 3 for one or more records
	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more reco
CS_OFFL_SIR_LRM_220180618T105429_20180618T112800_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_220180618T114101_20180618T114319_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_220180618T115245_20180618T115402_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height e for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220180618T123346_20180618T125507_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_220180618T125753_20180618T130841_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_220180618T131921_20180618T132306_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_220180618T133028_20180618T133552_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_220180618T133909_20180618T134359_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_220180618T134547_20180618T135615_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220180618T140104_20180618T140557_C001	Surface Model Unavailable Height Error (Retracker 2), Backscatter	No DEM or Slope Model was used for the location of one or more reco There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180618T141301_20180618T141818_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error	records
CS_OFFL_SIR_LRM_220180618T141827_20180618T144529_C001	(Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height e for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220180618T144532_20180618T144922_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_220180618T150601_20180618T153335_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 e for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220180618T155237_20180618T160808_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_220180618T160812_20180618T160926_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_220180618T161407_20180618T162139_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_220180618T164247_20180618T165808_C001	Height Error (Retracker 2) 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_220180618T170022_20180618T171518_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 er for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220180618T173143_20180618T174554_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_20180618T174733_20180618T180335_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height er for Retracker 3 for one or more records

CS_OFFL_SIR_LRM_2__20180618T182540_20180618T183137_C001 CS OFFL SIR LRM 2 20180618T183259 20180618T183536 C001 CS OFFL SIR LRM 2 20180618T184145 20180618T185600 C001 CS OFFL SIR LRM 2 20180618T191109 20180618T193323 C001 CS_OFFL_SIR_LRM_2__20180618T200907_20180618T203524_C001 CS_OFFL_SIR_LRM_2__20180618T204142_20180618T204627_C001 CS_OFFL_SIR_LRM_2__20180618T205234_20180618T211539_C001 CS_OFFL_SIR_LRM_2__20180618T214809_20180618T215803_C001 CS_OFFL_SIR_LRM_2__20180618T222913_20180618T225729_C001 CS OFFL SIR LRM 2 20180618T230414 20180618T230658 C001 CS_OFFL_SIR_LRM_2__20180618T231942_20180618T235304_C001 CS OFFL SIR SIN 2 20180618T004736 20180618T005052 C001 CS_OFFL_SIR_SIN_2__20180618T005605_20180618T005728_C001 CS_OFFL_SIR_SIN_2__20180618T013832_20180618T013923_C001 CS OFFL SIR SIN 2 20180618T022451 20180618T022849 C001 CS_OFFL_SIR_SIN_2__20180618T023513_20180618T023620_C001 CS OFFL SIR SIN 2 20180618T031413 20180618T031618 C001 CS_OFFL_SIR_SIN_2__20180618T031732_20180618T031849_C001 CS_OFFL_SIR_SIN_2__20180618T040258_20180618T040430_C001 CS OFFL SIR SIN 2 20180618T041219 20180618T041402 C001 CS_OFFL_SIR_SIN_2__20180618T045227_20180618T045618_C001 CS_OFFL_SIR_SIN_2__20180618T045627_20180618T045801_C001 CS_OFFL_SIR_SIN_2_20180618T054211_20180618T054355_C001 CS_OFFL_SIR_SIN_2__20180618T054919_20180618T054926_C001 CS_OFFL_SIR_SIN_2__20180618T055043_20180618T055657_C001 CS OFFL SIR SIN 2 20180618T063432 20180618T063650 C001 CS OFFL SIR SIN 2 20180618T072127 20180618T072335 C001 CS OFFL SIR SIN 2 20180618T072818 20180618T072824 C001 CS OFFL SIR SIN 2 20180618T073002 20180618T073323 C001 CS OFFL SIR SIN 2 20180618T090059 20180618T090318 C001 CS OFFL SIR SIN 2 20180618T090718 20180618T090722 C001 CS_OFFL_SIR_SIN_2__20180618T091103_20180618T091217_C001 CS_OFFL_SIR_SIN_2__20180618T100102_20180618T100126_C001 CS OFFL SIR SIN 2 20180618T104025 20180618T104148 C001 CS_OFFL_SIR_SIN_2__20180618T104631_20180618T104635_C001 CS_OFFL_SIR_SIN_2__20180618T105007_20180618T105126_C001 CS OFFL SIR SIN 2 20180618T122008 20180618T122136 C001 CS_OFFL_SIR_SIN_2__20180618T122659_20180618T123009_C001 CS_OFFL_SIR_SIN_2_20180618T131824_20180618T131912_C001 CS OFFL SIR SIN 2 20180618T135949 20180618T140104 C001 CS_OFFL_SIR_SIN_2__20180618T140557_20180618T140923_C001 CS_OFFL_SIR_SIN_2__20180618T150126_20180618T150215_C001 CS OFFL SIR SIN 2 20180618T154034 20180618T154309 C001 CS_OFFL_SIR_SIN_2__20180618T154502_20180618T154832_C001 CS_OFFL_SIR_SIN_2__20180618T154901_20180618T155129_C001 CS OFFL SIR SIN 2 20180618T163547 20180618T163708 C001 CS_OFFL_SIR_SIN_2__20180618T164017_20180618T164242_C001 CS OFFL SIR SIN 2 20180618T171556 20180618T172159 C001 CS_OFFL_SIR_SIN_2__20180618T172415_20180618T172454_C001

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

CS_OFFL_SIR_SIN_220180618T172914_20180618T173051_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180618T181039_20180618T181050_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_220180618T181509_20180618T181723_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180618T181909_20180618T182121_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180618T185801_20180618T185949_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180618T190819_20180618T191010_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180618T195422_20180618T195520_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_220180618T195523_20180618T195912_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_220180618T203734_20180618T203855_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180618T204049_20180618T204142_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180618T204627_20180618T204841_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180618T212907_20180618T212932_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_220180618T221703_20180618T221823_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180618T221844_20180618T222101_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180618T222657_20180618T222825_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180618T230814_20180618T230834_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_220180618T235654_20180619T000008_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	133	133	133	0	0
SIR_LRM_2	132	132	132	0	0
SIR_LRMI2_	132	132	132	0	0
SIR_SAR_1B	104	104	104	0	0
SIR_SAR_2	104	104	104	0	0
SIR_SARI2_	104	104	104	0	0
SIR_SIN_1B	105	105	105	0	0
SIR_SIN_2	105	105	105	0	0
SIR_SINI2	105	105	105	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:

184