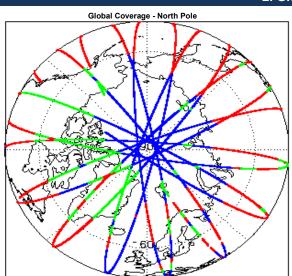
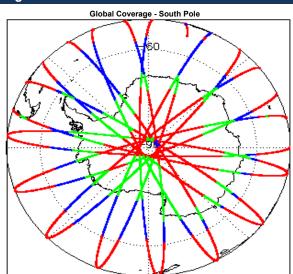


## IDEAS+ Daily Report for OFFLINE data:

## <u>14/11/2016</u>

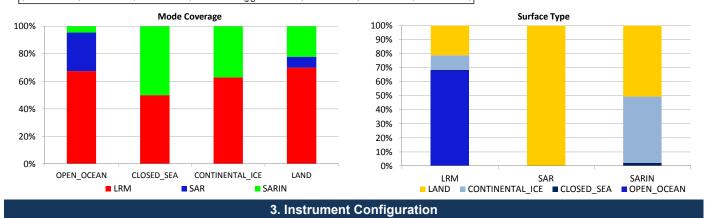
1. Overview					
Report Production Date:	15-Dec-2016	Check	Status		
Report Production Date.	13-Dec-2010	Server check: science-pds.cryosat.esa.int	Nominal		
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal		
FIOCESSOI USEU.		Product Software Check	Nominal		
Data Used:	L1B and L2 OFFLINE Data	Product Format Check	Nominal		
Data Used.		Product Header Analysis	Nominal		
		Star Tracker Usage Check	Nominal		
		L1B Calibration Usage Check	Nominal		
		L1B & L2 Auxiliary Data File Usage Check	Nominal		
		L1B & L2 Auxiliary Correction Error Check	Nominal		
		L1B & L2 Measurement Confidence Data Check	See Section 4.7 and 5.5		
Mission / Instrument News					
13-Nov-2016 None					
14-Nov-2016 None					
15-Nov-2016 Nothing planned					
2. Global Coverage					





Mode Coverage (%)		
	LRM	2

Wode Coverage (76)			
	LRM	20.8	
	SAR	12.0	
	SARIn	0.0	



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

SIRAL instrument(s) in use: SIRAL - A

## 4. Level 1B Data Quality Check

#### 4.1 L1B Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a product file (.DBL)

## Number of products with errors:

### 4.2 L1B Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors: 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_20161114T122508_20161114T123248_C001	IECDO error IRK 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_20161114T125938_20161114T132051_C001	Echo error IRK 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.

105

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:

Product	Test Failed	Description
CS OFFE SIR LRM 2 201611131234714 201611141001020 C001		There is a height and backscatter error for Retracker 2 for one or more records

CS\_OFFL\_SIR\_LRM\_2\_\_20161114T002540\_20161114T004850\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T012348\_20161114T014912\_C001 CS OFFL SIR LRM 2 20161114T015606 20161114T020031 C001 CS OFFL SIR LRM 2 20161114T020517 20161114T022925 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T025736\_20161114T031221\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T034434\_20161114T035844\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T035847\_20161114T040905\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T041331\_20161114T041454\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T042014\_20161114T042114\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T043345\_20161114T050723\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T053051\_20161114T053807\_C001 CS OFFL SIR LRM 2 20161114T053818 20161114T054530 C001 CS OFFL SIR LRM 2 20161114T061213 20161114T062230 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T062516\_20161114T064631\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T070346\_20161114T071349\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T071536\_20161114T072754\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T073724\_20161114T073729\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T075038\_20161114T075308\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T075342\_20161114T081607\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T081610\_20161114T082533\_C001 CS OFFL SIR LRM 2 20161114T083345 20161114T083615 C001 CS OFFL SIR LRM 2 20161114T084428 20161114T085656 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T085726\_20161114T091443\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T093220\_20161114T093356\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T093612\_20161114T094749\_C001 CS OFFL SIR LRM 2 20161114T094953 20161114T100500 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T104851\_20161114T105439\_C001 CS OFFL SIR LRM 2 20161114T112917 20161114T114336 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T115908\_20161114T122505\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T125938\_20161114T132051\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T132102\_20161114T132220\_C001 CS OFFL SIR LRM 2 20161114T133112 20161114T133439 C001 CS OFFL SIR LRM 2 20161114T133822 20161114T135427 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T135437\_20161114T140440\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T143817\_20161114T150137\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T153350\_20161114T155138\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T160353\_20161114T160620\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T161616\_20161114T161753\_C001 CS OFFL SIR LRM 2 20161114T165752 20161114T173117 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T175347\_20161114T175641\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T175825\_20161114T181850\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T183624\_20161114T191215\_C001 CS OFFL SIR LRM 2 20161114T192327 20161114T192350 C001

Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable 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), 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), 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 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), Backscatter Error (Retracker 2) Surface Model Unavailable 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 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 Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable 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), 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) 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 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 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 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 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 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 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 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 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 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 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 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 for one or more

CS\_OFFL\_SIR\_LRM\_2\_\_20161114T193422\_20161114T195704\_C001 CS\_OFFL\_SIR\_LRM\_2\_20161114T201605\_20161114T203253\_C001 CS OFFL SIR LRM 2 20161114T203734 20161114T204956 C001 CS OFFL SIR LRM 2 20161114T210432 20161114T212206 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T212350\_20161114T213804\_C001 CS OFFL SIR LRM 2 20161114T215449 20161114T221000 C001 CS OFFL SIR LRM 2 20161114T221201 20161114T222123 C001 CS OFFL SIR LRM 2 20161114T224422 20161114T230049 C001 CS OFFL SIR LRM 2 20161114T230630 20161114T231429 C001 CS OFFL SIR LRM 2 20161114T231549 20161114T231914 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T232342\_20161114T233149\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20161114T233444\_20161114T234932\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T001215\_20161114T001350\_C001 CS OFFL SIR SIN 2 20161114T002243 20161114T002443 C001 CS OFFL SIR SIN 2 20161114T010846 20161114T011331 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T015151\_20161114T015319\_C001 CS OFFL SIR SIN 2 20161114T015500 20161114T015606 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T020032\_20161114T020300\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T033129\_20161114T033520\_C001 CS OFFL SIR SIN 2 20161114T034110 20161114T034234 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T042151\_20161114T042248\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T051113\_20161114T051426\_C001 CS\_OFFL\_SIR\_SIN\_2\_20161114T051941\_20161114T052053\_C001 CS OFFL SIR SIN 2 20161114T064836 20161114T065259 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T065843\_20161114T070003\_C001 CS OFFL SIR SIN 2 20161114T073806 20161114T074217 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T082637\_20161114T082757\_C001 CS OFFL SIR SIN 2 20161114T083616 20161114T083804 C001 CS OFFL SIR SIN 2 20161114T091443 20161114T091610 C001 CS OFFL SIR SIN 2 20161114T091725 20161114T091829 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T092019\_20161114T092121\_C001 CS\_OFFL\_SIR\_SIN\_2\_20161114T100542\_20161114T100725\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T101254\_20161114T101301\_C001 CS OFFL SIR SIN 2 20161114T101423 20161114T101648 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T105440\_20161114T105737\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T105814\_20161114T110025\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T114427\_20161114T114646\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T115325\_20161114T115748\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T124359\_20161114T124433\_C001 CS OFFL SIR SIN 2 20161114T132445 20161114T132717 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T133050\_20161114T133057\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T133439\_20161114T133622\_C001 CS OFFL SIR SIN 2 20161114T150337 20161114T150506 C001 CS\_OFFL\_SIR\_SIN\_2\_20161114T151004\_20161114T151011\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T151339\_20161114T151517\_C001 CS OFFL SIR SIN 2 20161114T160219 20161114T160242 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T164346\_20161114T164504\_C001 CS\_OFFL\_SIR\_SIN\_2\_20161114T165035\_20161114T165352\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20161114T174145\_20161114T174231\_C001

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), 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), Height Error (Retracker 3), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Height Error (Retracker 3), 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 Unavailable 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 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 Model Unavailable

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 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 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 ecords 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 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 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 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 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

CS_OFFL_SIR_SIN_220161114T182307_20161114T182422_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161114T182931_20161114T183245_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161114T200403_20161114T200639_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161114T200835_20161114T201413_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161114T205920_20161114T210426_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161114T214248_20161114T214541_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161114T214745_20161114T214843_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161114T215247_20161114T215424_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161114T223828_20161114T223936_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161114T224034_20161114T224140_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161114T232131_20161114T232341_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220161114T233149_20161114T233336_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	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR_LRM_1B	158	158	158	0	0
SIR_LRM_2	157	157	157	0	0
SIR_LRMI2_	157	157	157	0	0
SIR_SAR_1B	89	89	89	0	0
SIR_SAR_2	89	89	89	0	0
SIR_SARI2_	89	89	89	0	0
SIR_SIN_1B	95	95	95	0	0
SIR SIN 2	95	95	95	0	0
SIR_SINI2	95	95	95	0	0
SIR_GDR_2	14	14	14	0	0

## 6.1 QCC Errors

0

0

## 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: 78

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