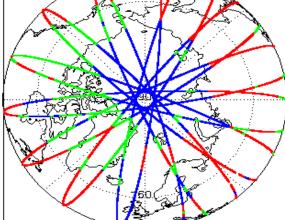


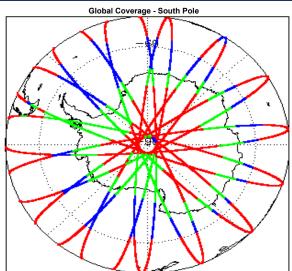
IDEAS+ Daily Report for OFFLINE data:

<u>16/07/2018</u>

eport Production Date:	15-Aug-2018	Check	Status	
Report Production Date.	10-Aug-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	
Data Oseu.		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	

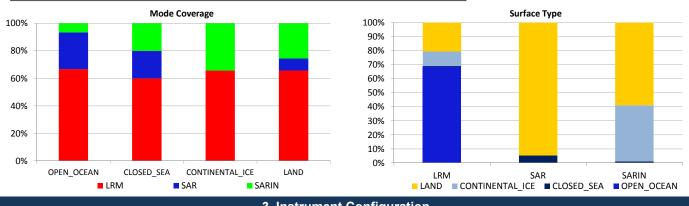
Wission / Instr	rument News	
15-Jul-2018	None	
16-Jul-2018	None	
17-Jul-2018	Nothing planned	
	2. Gl	obal Coverage
	Global Coverage - North Pole	Global Coverage - South Pole
	A PER	





Mode Coverage (%)
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LRM	20.1
SAR	13.6
SARIn	0.0



3. Instrument Configuration

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:

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: 1

Test Failed

......

Product

CS_OFFL_SIR_LRM_1B_20180716T222344_20180716T222417_C001

Echo error, TRK echo error

Description 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.

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.

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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 OFFL SIR LRM 2 20180/151234834 20180/161000948 C001		There is a height and backscatter error for Retracker 2 for one or more records
CS OFFL SIR LRM 2 20180/161002/15 20180/161003/09 C001		There is a height and backscatter error for Retracker 2 for one or more records

CS_OFFL_SIR_LRM_2__20180716T003857_20180716T004501_C001 CS_OFFL_SIR_LRM_2_20180716T004639_20180716T005130_C001 CS OFFL SIR LRM 2 20180716T011322 20180716T014835 C001 CS OFFL SIR LRM 2 20180716T020748 20180716T023902 C001 CS_OFFL_SIR_LRM_2__20180716T025152_20180716T030629_C001 CS OFFL SIR LRM 2 20180716T030819 20180716T032813 C001 CS_OFFL_SIR_LRM_2__20180716T034530_20180716T035524_C001 CS_OFFL_SIR_LRM_2__20180716T040143_20180716T041720_C001 CS OFFL SIR LRM 2 20180716T043636 20180716T045129 C001 CS_OFFL_SIR_LRM_2__20180716T045308_20180716T050656_C001 CS_OFFL_SIR_LRM_2__20180716T052334_20180716T052555_C001 CS OFFL SIR LRM 2 20180716T052646 20180716T053851 C001 CS_OFFL_SIR_LRM_2__20180716T053854_20180716T054233_C001 CS_OFFL_SIR_LRM_2__20180716T054235_20180716T054520_C001 CS OFFL SIR LRM 2 20180716T054804 20180716T055455 C001 CS_OFFL_SIR_LRM_2__20180716T055802_20180716T055818_C001 CS_OFFL_SIR_LRM_2__20180716T062407_20180716T064509_C001 CS_OFFL_SIR_LRM_2__20180716T070125_20180716T072917_C001 CS OFFL SIR LRM 2 20180716T075025 20180716T075058 C001 CS OFFL SIR LRM 2 20180716T080103 20180716T082513 C001 CS_OFFL_SIR_LRM_2__20180716T085710_20180716T091408_C001 CS_OFFL_SIR_LRM_2__20180716T092700_20180716T093341_C001 CS_OFFL_SIR_LRM_2__20180716T093656_20180716T094326_C001 CS OFFL SIR LRM 2 20180716T100005 20180716T100430 C001 CS_OFFL_SIR_LRM_2__20180716T102121_20180716T105344_C001 CS_OFFL_SIR_LRM_2__20180716T112342_20180716T114239_C001 CS OFFL SIR LRM 2 20180716T115947 20180716T123533 C001 CS_OFFL_SIR_LRM_2__20180716T124507_20180716T124713_C001 CS OFFL SIR LRM 2 20180716T125726 20180716T130207 C001 CS_OFFL_SIR_LRM_2__20180716T130248_20180716T132147_C001 CS OFFL SIR LRM 2 20180716T132941 20180716T133155 C001 CS_OFFL_SIR_LRM_2__20180716T133926_20180716T135440_C001 CS_OFFL_SIR_LRM_2__20180716T135444_20180716T141529_C001 CS OFFL SIR LRM 2 20180716T142723 20180716T144629 C001 CS OFFL SIR LRM 2 20180716T144707 20180716T150020 C001 CS_OFFL_SIR_LRM_2__20180716T150906_20180716T151103_C001 CS_OFFL_SIR_LRM_2__20180716T151829_20180716T153328_C001 CS_OFFL_SIR_LRM_2__20180716T153530_20180716T154451_C001 CS OFFL SIR LRM 2 20180716T160704 20180716T162408 C001 CS OFFL SIR LRM 2 20180716T164727 20180716T165027 C001 CS OFFL SIR LRM 2 20180716T165803 20180716T171157 C001 CS_OFFL_SIR_LRM_2__20180716T175025_20180716T175736_C001 CS_OFFL_SIR_LRM_2__20180716T175859_20180716T182206_C001 CS OFFL SIR LRM 2 20180716T182538 20180716T183405 C001 CS_OFFL_SIR_LRM_2__20180716T183736_20180716T190223_C001 CS_OFFL_SIR_LRM_2__20180716T191148_20180716T191220_C001 CS OFFL SIR LRM 2 20180716T193329 20180716T194447 C001

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

Error (Retracker 2)

There is a height and backscatter error for Retracker 2 for one or more There is a height and backscatter error for Retracker 2 for one or more 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 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 There is a height and backscatter error for Retracker 2 for one or more 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 There is a height and backscatter error for Retracker 2 for one or more There is a height and backscatter error for Retracker 2 for one or more There is a height and backscatter error for Retracker 2 for one or more There is a height and backscatter error for Retracker 2 for one or more There is a height and backscatter error for Retracker 2 for one or more There is a height and backscatter error for Retracker 2 for one or more 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 There is a height and backscatter error for Retracker 2 for one or more There is a height and backscatter error for Retracker 2 for one or more 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 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 There is a height and backscatter error for Retracker 2 for one or more There is a height and backscatter error for Retracker 2 for one or more There is a height and backscatter error for Retracker 2 for one or more There is a height and backscatter error for Retracker 2 for one or more There is a height and backscatter error for Retracker 2 for one or more 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 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 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 There is a height and backscatter error for Retracker 2 for one or more 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 There is a height and backscatter error for Retracker 2 for one or more 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 There is a height and backscatter error for Retracker 2 for one or more 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 There is a height and backscatter error for Retracker 2 for one or more There is a height and backscatter error for Retracker 2 for one or more records

CS_OFFL_SIR_LRM_2__20180716T201657_20180716T204306_C001 CS OFFL SIR LRM 2 20180716T204800 20180716T205413 C001 CS_OFFL_SIR_LRM_2__20180716T210813_20180716T212401_C001 CS_OFFL_SIR_LRM_2__20180716T223145_20180716T223324_C001 CS OFFL SIR LRM 2 20180716T224603 20180716T231904 C001 CS_OFFL_SIR_LRM_2__20180716T233606_20180716T235248_C001 CS_OFFL_SIR_SIN_2__20180716T001318_20180716T001637_C001 CS OFFL SIR SIN 2 20180716T002203 20180716T002328 C001 CS OFFL SIR SIN 2 20180716T010003 20180716T010044 C001 CS OFFL SIR SIN 2 20180716T010236 20180716T010540 C001 CS_OFFL_SIR_SIN_2__20180716T014952_20180716T015143_C001 CS_OFFL_SIR_SIN_2__20180716T020015_20180716T020152_C001 CS_OFFL_SIR_SIN_2__20180716T023902_20180716T024018_C001 CS OFFL SIR SIN 2 20180716T024340 20180716T024438 C001 CS_OFFL_SIR_SIN_2__20180716T032857_20180716T033037_C001 CS OFFL SIR SIN 2 20180716T033617 20180716T033623 C001 CS_OFFL_SIR_SIN_2__20180716T033752_20180716T034002_C001 CS_OFFL_SIR_SIN_2__20180716T041727_20180716T042025_C001 CS OFFL SIR SIN 2 20180716T042138 20180716T042353 C001 CS_OFFL_SIR_SIN_2__20180716T050809_20180716T050955_C001 CS_OFFL_SIR_SIN_2__20180716T051515_20180716T051521_C001 CS OFFL SIR SIN 2 20180716T051531 20180716T051536 C001 CS OFFL SIR SIN 2 20180716T051640 20180716T052334 C001 CS OFFL SIR SIN 2 20180716T064800 20180716T065034 C001 CS OFFL SIR SIN 2 20180716T065413 20180716T065419 C001 CS_OFFL_SIR_SIN_2__20180716T065429_20180716T065434_C001 CS OFFL SIR SIN 2 20180716T065741 20180716T065940 C001 CS OFFL SIR SIN 2 20180716T082641 20180716T082816 C001 CS_OFFL_SIR_SIN_2__20180716T083327_20180716T083333_C001 CS_OFFL_SIR_SIN_2_20180716T083701_20180716T083829_C001 CS_OFFL_SIR_SIN_2__20180716T100653_20180716T100815_C001 CS_OFFL_SIR_SIN_2__20180716T101400_20180716T101428_C001 CS OFFL SIR SIN 2 20180716T101602 20180716T101716 C001 CS_OFFL_SIR_SIN_2__20180716T114616_20180716T114742_C001 CS_OFFL_SIR_SIN_2_20180716T115253_20180716T115558_C001 CS OFFL SIR SIN 2 20180716T132643 20180716T132941 C001 CS OFFL SIR SIN 2 20180716T133155 20180716T133715 C001 CS_OFFL_SIR_SIN_2__20180716T142252_20180716T142710_C001 CS_OFFL_SIR_SIN_2__20180716T150631_20180716T150905_C001 CS_OFFL_SIR_SIN_2__20180716T151103_20180716T151234_C001 CS OFFL SIR SIN 2 20180716T151606 20180716T151741 C001 CS_OFFL_SIR_SIN_2__20180716T160145_20180716T160258_C001 CS_OFFL_SIR_SIN_2__20180716T160436_20180716T160527_C001 CS_OFFL_SIR_SIN_2__20180716T160530_20180716T160704_C001 CS_OFFL_SIR_SIN_2__20180716T164132_20180716T164726_C001 CS_OFFL_SIR_SIN_2__20180716T165028_20180716T165034_C001 CS OFFL SIR SIN 2 20180716T165508 20180716T165652 C001 CS_OFFL_SIR_SIN_2__20180716T174107_20180716T174213_C001 CS_OFFL_SIR_SIN_2__20180716T182346_20180716T182538_C001 CS OFFL SIR SIN 2 20180716T183405 20180716T183608 C001

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) 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 SARIn X-track Angle Error

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 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 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 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 ecords 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 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

CS_OFFL_SIR_SIN_220180716T191447_20180716T191505_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_220180716T200325_20180716T200503_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180716T200625_20180716T200750_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180716T201207_20180716T201459_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180716T214317_20180716T214701_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180716T215245_20180716T215359_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180716T232248_20180716T232605_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180716T233118_20180716T233242_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	133	133	133	0	0
SIR_LRMI2_	133	133	133	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	106	106	106	0	0
SIR SIN 2	106	106	106	0	0
SIR_SINI2	106	106	106	0	0
SIR_GDR_2	15	15	15	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:	185	