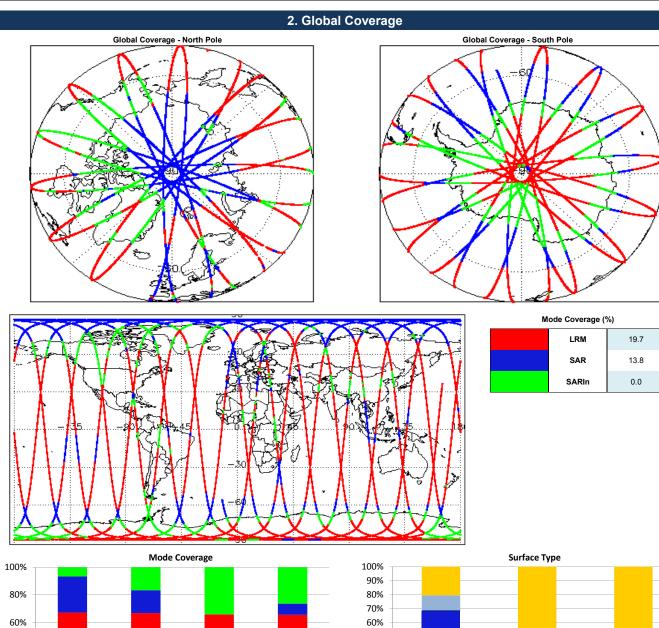


IDEAS+ Daily Report for OFFLINE data:

<u>12/08/2018</u>

1. Overview						
Report Production Date:	11-Sep-2018	Check	Status			
		Server check: science-pds.cryosat.esa.int	Nominal			
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal			
Processor used.		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			
Mission / Instrument News						
11-Aug-2018 None						
12-Aug-2018 None						
13-Aug-2018 Nothing planned						



50%

40% 30%

20% 10%

0%

3. Instrument Configuration

LRM SAR SARIN LAND CONTINENTAL_ICE CLOSED_SEA OPEN_OCEAN

LRM

CLOSED_SEA

CONTINENTAL_ICE

SAR

SIRAL - A

LAND

SARIN

OPEN_OCEAN

40%

20%

0%

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

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

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: 5

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20180812T023915_20180812T025512_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_20180812T031846_20180812T032903_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_20180812T042536_20180812T043503_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20180812T121709_20180812T125305_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_20180812T192531_20180812T193228_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).

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.

CS_OFFL_SIR_LRM_2__20180811T235102_20180812T002605_C001

Product

Test Failed

Description

CS_OFFL_SIR_LRM_220180812T004522_20180812T011643_C001
CS_OFFL_SIR_LRM_220180812T012919_20180812T014402_C001
CS_OFFL_SIR_LRM_220180812T014728_20180812T020535_C001
CS_OFFL_SIR_LRM_220180812T022308_20180812T023324_C001
CS_OFFL_SIR_LRM_220180812T023915_20180812T025512_C001
CS_OFFL_SIR_LRM_220180812T031846_20180812T032903_C001
CS_OFFL_SIR_LRM_220180812T040433_20180812T041539_C001
CS_OFFL_SIR_LRM_220180812T041702_20180812T042252_C001
CS_OFFL_SIR_LRM_220180812T042536_20180812T043503_C001
CS_OFFL_SIR_LRM_220180812T043532_20180812T043547_C001
CS_OFFL_SIR_LRM_220180812T050141_20180812T052233_C001
CS_OFFL_SIR_LRM_220180812T053909_20180812T060648_C001
CS_OFFL_SIR_LRM_220180812T062758_20180812T062830_C001
CS_OFFL_SIR_LRM_220180812T063834_20180812T070224_C001
CS_OFFL_SIR_LRM_220180812T073442_20180812T075134_C001
CS_OFFL_SIR_LRM_220180812T080406_20180812T081113_C001
CS_OFFL_SIR_LRM_220180812T081915_20180812T082631_C001
CS_OFFL_SIR_LRM_220180812T082634_20180812T083222_C001
CS_OFFL_SIR_LRM_220180812T085923_20180812T093112_C001
CS_OFFL_SIR_LRM_220180812T093425_20180812T093453_C001
CS_OFFL_SIR_LRM_220180812T094302_20180812T094328_C001
CS_OFFL_SIR_LRM_220180812T094342_20180812T094517_C001
CS_OFFL_SIR_LRM_220180812T100239_20180812T101937_C001
CS_OFFL_SIR_LRM_220180812T103731_20180812T105840_C001
CS_OFFL_SIR_LRM_220180812T105912_20180812T111257_C001
CS_OFFL_SIR_LRM_220180812T112218_20180812T112446_C001
CS_OFFL_SIR_LRM_220180812T113500_20180812T113943_C001
CS_OFFL_SIR_LRM_220180812T114026_20180812T115925_C001
CS_OFFL_SIR_LRM_220180812T120713_20180812T120929_C001
CS_OFFL_SIR_LRM_220180812T121709_20180812T125305_C001
CS_OFFL_SIR_LRM_220180812T130444_20180812T132410_C001
CS_OFFL_SIR_LRM_220180812T132441_20180812T133747_C001
CS_OFFL_SIR_LRM_220180812T134641_20180812T134837_C001
CS_OFFL_SIR_LRM_220180812T135606_20180812T141100_C001
CS_OFFL_SIR_LRM_220180812T141302_20180812T142223_C001
CS_OFFL_SIR_LRM_220180812T144444_20180812T150142_C001
CS_OFFL_SIR_LRM_220180812T152503_20180812T152800_C001
CS_OFFL_SIR_LRM_220180812T153536_20180812T154929_C001
CS_OFFL_SIR_LRM_220180812T163201_20180812T163347_C001
CS_OFFL_SIR_LRM_220180812T163449_20180812T163509_C001
CS_OFFL_SIR_LRM_220180812T163632_20180812T165927_C001
CS_OFFL_SIR_LRM_220180812T170312_20180812T171140_C001
CS_OFFL_SIR_LRM_220180812T171515_20180812T173947_C001

Test Failed	Descriptio
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a for Retracl
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a for Retracl
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a for Retracl
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a for Retracl
(Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a for Retracl
(Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a for Retracl
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a for Retracl
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a records
Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	There is a records There is a
Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a
Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	records There is a
(Retracker 2) Height Error (Retracker 2), Backscatter	for Retracl There is a
Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a
Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	records There is a records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a records
Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	There is a records There is a
Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a
Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a
Error (Retracker 2) Surface Model Unavailable	records No DEM o
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a for Retracl
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a for Retracl
Surface Model Unavailable	No DEM o
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a for Retracl
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a for Retracl
Surface Model Unavailable	No DEM o
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a records
Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	There is a records There is a
Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a
Error (Retracker 2) Surface Model Unavailable	records No DEM o
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a
(Retracker 3), Backscatter Error (Retracker 2)	for Retracl

height and backscatter error for Retracker 2 and a height error ker 3 for one or more records height and backscatter error for Retracker 2 and a height error cker 3 for one or more records height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 and a height error cker 3 for one or more records height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 and a height error cker 3 for one or more records height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 and a height error ker 3 for one or more records height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 and a height error ker 3 for one or more record height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 and a height error cker 3 for one or more records height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 and a height error cker 3 for one or more records height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more or Slope Model was used for the location of one or more records height and backscatter error for Retracker 2 and a height error cker 3 for one or more records height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 and a height error cker 3 for one or more records or Slope Model was used for the location of one or more records height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 and a height error cker 3 for one or more records height and backscatter error for Retracker 2 and a height error cker 3 for one or more records or Slope Model was used for the location of one or more records height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more height and backscatter error for Retracker 2 for one or more 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

CS OFFL SIR LRM 2 20180812T174920 20180812T174950 C001 CS_OFFL_SIR_LRM_2__20180812T181103_20180812T182221_C001 CS OFFL SIR LRM 2 20180812T185438 20180812T192035 C001 CS_OFFL_SIR_LRM_2_20180812T192531_20180812T193228_C001 CS_OFFL_SIR_LRM_2_20180812T194552_20180812T200135_C001 CS_OFFL_SIR_LRM_2_20180812T210919_20180812T211113_C001 CS_OFFL_SIR_LRM_2__20180812T211137_20180812T211156_C001 CS OFFL SIR LRM 2 20180812T212330 20180812T215628 C001 CS OFFL SIR LRM 2 20180812T221429 20180812T223015 C001 CS_OFFL_SIR_LRM_2__20180812T224826_20180812T224955_C001 CS OFFL SIR LRM 2 20180812T230019 20180812T233050 C001 CS OFFL SIR LRM 2 20180812T233102 20180812T233524 C001 CS_OFFL_SIR_SIN_2__20180812T002727_20180812T002920_C001 CS OFFL SIR SIN 2 20180812T003753 20180812T003929 C001 CS_OFFL_SIR_SIN_2__20180812T011644_20180812T011753_C001 CS OFFL SIR SIN 2 20180812T012111 20180812T012211 C001 CS_OFFL_SIR_SIN_2__20180812T020631_20180812T020811_C001 CS_OFFL_SIR_SIN_2__20180812T021352_20180812T021357_C001 CS_OFFL_SIR_SIN_2__20180812T021527_20180812T021736_C001 CS OFFL SIR SIN 2 20180812T025513 20180812T025745 C001 CS_OFFL_SIR_SIN_2__20180812T025910_20180812T030125_C001 CS_OFFL_SIR_SIN_2__20180812T034544_20180812T034730_C001 CS OFFL SIR SIN 2 20180812T035249 20180812T035255 C001 CS_OFFL_SIR_SIN_2__20180812T035305_20180812T035310_C001 CS_OFFL_SIR_SIN_2__20180812T035413_20180812T040107_C001 CS OFFL SIR SIN 2 20180812T052523 20180812T052808 C001 CS OFFL SIR SIN 2 20180812T053147 20180812T053154 C001 CS_OFFL_SIR_SIN_2__20180812T053203_20180812T053209_C001 CS OFFL SIR SIN 2 20180812T053512 20180812T053713 C001 CS_OFFL_SIR_SIN_2__20180812T070414_20180812T070549_C001 CS_OFFL_SIR_SIN_2__20180812T071101_20180812T071107_C001 CS OFFL SIR SIN 2 20180812T071436 20180812T071602 C001 CS_OFFL_SIR_SIN_2__20180812T080302_20180812T080333_C001 CS OFFL SIR SIN 2 20180812T084424 20180812T084549 C001 CS_OFFL_SIR_SIN_2__20180812T085135_20180812T085156_C001 CS_OFFL_SIR_SIN_2__20180812T085336_20180812T085450_C001 CS OFFL SIR SIN 2 20180812T102351 20180812T102516 C001 CS_OFFL_SIR_SIN_2__20180812T103028_20180812T103331_C001 CS_OFFL_SIR_SIN_2__20180812T120414_20180812T120713_C001 CS OFFL SIR SIN 2 20180812T120929 20180812T121448 C001 CS_OFFL_SIR_SIN_2__20180812T130025_20180812T130438_C001 CS_OFFL_SIR_SIN_2__20180812T134837_20180812T135011_C001 CS OFFL SIR SIN 2 20180812T135340 20180812T135513 C001 CS OFFL SIR SIN 2 20180812T143917 20180812T143935 C001 CS OFFL SIR SIN 2 20180812T143939 20180812T144030 C001 CS_OFFL_SIR_SIN_2__20180812T144213_20180812T144443_C001 CS OFFL SIR SIN 2 20180812T151907 20180812T152503 C001 CS_OFFL_SIR_SIN_2__20180812T153241_20180812T153425_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), 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), 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), Height Error (Retracker 3), Backscatter Error (Retracker 2) 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 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 for one or more ecords There is a height and backscatter error for Retracker 2 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 the Retracker 2, a height error for the Retracker 3 and no Surface Model available 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 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 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 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

CS_OFFL_SIR_SIN_220180812T161839_20180812T162100_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_220180812T170121_20180812T170312_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180812T171140_20180812T171338_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180812T175220_20180812T175239_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_220180812T184100_20180812T184237_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180812T184401_20180812T184524_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180812T184941_20180812T185232_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180812T202050_20180812T202435_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180812T203021_20180812T203134_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180812T220023_20180812T220340_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180812T220852_20180812T221015_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180812T225114_20180812T225203_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180812T233738_20180812T234138_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180812T234801_20180812T234907_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	137	137	137	0	0
SIR_LRM_2	137	137	137	0	0
SIR_LRMI2_	137	137	137	0	0
SIR_SAR_1B	92	92	92	0	0
SIR_SAR_2	92	92	92	0	0
SIR_SARI2_	92	92	92	0	0
SIR_SIN_1B	104	104	104	0	0
SIR_SIN_2	104	104	104	0	0
SIR_SINI2	104	104	104	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		

Number of products with missing QCC reports: 169