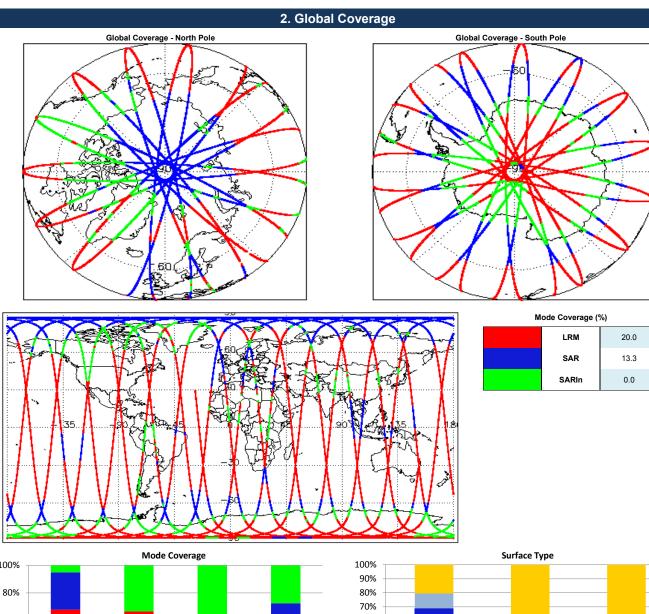
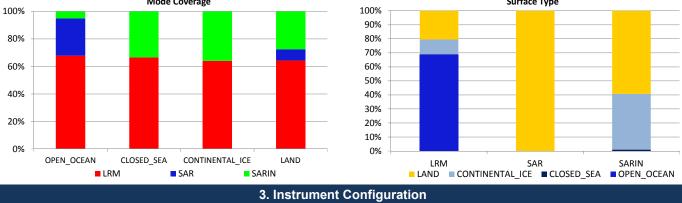


IDEAS+ Daily Report for OFFLINE data:

<u>26/08/2018</u>

1. Overview				
Depart Production Date: 24 Can 2010		Check	Status	
Report Production Date:	24-Sep-2018	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	
		·		
Mission / Instrument News				
25-Aug-2018 None				
26-Aug-2018 None				
27-Aug-2018 Nothing planned				





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

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.
Number of products with errors:
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: 1

Test Failed

Number of products with errors.

Product

CS_OFFL_SIR_LRM_1B_20180826T140751_20180826T141531_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.

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_220180825T233407_20180826T000913_C001 (() CS_OFFL_SIR_LRM_2_20180826T001736_20180826T002010_C001 S CS_OFFL_SIR_LRM_2_20180826T002817_20180826T004046_C001 E CS_OFFL_SIR_LRM_2_20180826T002817_20180826T005831_C001 E CS_OFFL_SIR_LRM_2_20180826T0012817_20180826T005831_C001 E CS_OFFL_SIR_LRM_2_20180826T011227_20180826T011844_C001 (() CS_OFFL_SIR_LRM_2_20180826T011957_20180826T013140_C001 E CS_OFFL_SIR_LRM_2_20180826T013343_20180826T014826_C001 (() CS_OFFL_SIR_LRM_2_20180826T022212_20180826T023326_C001 (() CS_OFFL_SIR_LRM_2_20180826T034319_20180826T041739_C001 E CS_OFFL_SIR_LRM_2_20180826T051503_20180826T051830_C001 E CS_OFFL_SIR_LRM_2_20180826T052153_20180826T051830_C001 E CS_OFFL_SIR_LRM_2_20180826T052153_20180826T054344_C001 E CS_OFFL_SIR_LRM_2_20180826T052153_20180826T054534_C001 E CS_OFFL_SIR_LRM_2_20180826T065402_20180826T064534_C001 E CS_OFFL_SIR_LRM_2_20180826T065402_20180826T064534_C001 E CS_OFFL_SIR_LRM_2_20180826T065402_20180826T065729_C001 E CS_OFFL_SIR_LRM_2_20180826T065402_20180826T065729_C001 E CS_OFFL_SIR_LRM_2_20180826T0654024_20180826T065729_C001 E	Test Failed Height Error (Retracker 2), Height 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 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 2) Height Error (Retracker 2), Height 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) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Description 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 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 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 for one or mo
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CS_OFFL_SIR_LRM_2_20180826T052T53_20180826T054524_C001 CS_OFFL_SIR_LRM_2_20180826T061734_20180826T064534_C001 CS_OFFL_SIR_LRM_2_20180826T065402_20180826T065729_C001 CS_OFFL_SIR_LRM_2_20180826T070140_20180826T071204_C001 F	Error (Retracker 2) Height Error (Retracker 2), Backscatter	There is a bainful and health attraction for Data is a fit
CS_OFFL_SIR_LRM_220180826T061734_20180826T064534_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20180826T065402_20180826T065729_C001	Enor (Reliacker 2)	There is a height and backscatter error for Retracker 2 for one or more records
	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
	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 LBM 2 20180826T071740 20180826T073524 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_OEEL_SIR_LRM_2_20180826T074655_20180826T075411_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 OFEL SIR LEM 2 20180826T080054 20180826T080203 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_220180826T082854_20180826T083426_C001 S	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180826T084149_20180826T091736_C001 (I	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS OFFL SIR LBM 2 20180826T094651 20180826T100256 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_220180826T100813_20180826T101322_C001 S	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180826T102023_20180826T105549_C001 (I	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFEL_SIR_LRM_2_20180826T111759_20180826T112231_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220180826T115028_20180826T115225_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20180826T120010_20180826T121644_C001 (I	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220180826T122124_20180826T123553_C001 (I	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS OFEL SIR LRM 2 20180826T124810 20180826T130606 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 LBM 2 20180826T130741 20180826T132148 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_220180826T133905_20180826T135351_C001 ((Height Error (Retracker 2), Height Error Retracker 3), Backscatter Error Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220180826T135552_20180826T140515_C001 ((Height Error (Retracker 2), Height Error Retracker 3), Backscatter Error Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS OFFL SIR LRM 2 20180826T142550 20180826T142632 C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
F CS_OFFL_SIR_LRM_220180826T142702_20180826T144421_C001 ((Height Error (Retracker 2), Height Error Retracker 3), Backscatter Error Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
CS_OFEL_SIR_LRM_2_20180826T145035_20180826T145615_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
F CS_OFFL_SIR_LRM_220180826T160730_20180826T164241_C001 ((Height Error (Retracker 2), Height Error Retracker 3), Backscatter Error Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
·	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180826T164853_20180826T165422_C001 S	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
F CS_OFFL_SIR_LRM_220180826T175411_20180826T180522_C001 ((Height Error (Retracker 2), Height Error Retracker 3), Backscatter Error Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
	Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more

CS_OFFL_SIR_LRM_2__20180826T183744_20180826T185638_C001 CS OFFL SIR LRM 2 20180826T185640 20180826T190433 C001 CS_OFFL_SIR_LRM_2__20180826T190834_20180826T191531_C001 CS OFFL SIR LRM 2 20180826T192752 20180826T195918 C001 CS_OFFL_SIR_LRM_2_20180826T205152_20180826T205441_C001 CS_OFFL_SIR_LRM_2__20180826T210639_20180826T213934_C001 CS_OFFL_SIR_LRM_2__20180826T215721_20180826T221326_C001 CS OFFL SIR LRM 2 20180826T224309 20180826T231814 C001 CS OFFL SIR LRM 2 20180826T232651 20180826T233047 C001 CS OFFL SIR LRM 2 20180826T233553 20180827T000927 C001 CS_OFFL_SIR_SIN_2__20180826T001028_20180826T001150_C001 CS_OFFL_SIR_SIN_2__20180826T002011_20180826T002157_C001 CS_OFFL_SIR_SIN_2__20180826T005831_20180826T005952_C001 CS OFFL SIR SIN 2 20180826T010138 20180826T010207 C001 CS_OFFL_SIR_SIN_2__20180826T010411_20180826T010506_C001 CS OFFL SIR SIN 2 20180826T014933 20180826T015115 C001 CS_OFFL_SIR_SIN_2__20180826T015645_20180826T015652_C001 CS_OFFL_SIR_SIN_2__20180826T015814_20180826T020037_C001 CS OFFL SIR SIN 2 20180826T023826 20180826T024120 C001 CS_OFFL_SIR_SIN_2__20180826T024205_20180826T024417_C001 CS_OFFL_SIR_SIN_2__20180826T032821_20180826T033034_C001 CS OFFL SIR SIN 2 20180826T033559 20180826T033606 C001 CS OFFL SIR SIN 2 20180826T033715 20180826T034142 C001 CS OFFL SIR SIN 2 20180826T050837 20180826T051110 C001 CS OFFL SIR SIN 2 20180826T051441 20180826T051448 C001 CS_OFFL_SIR_SIN_2__20180826T051830_20180826T052013_C001 CS OFFL SIR SIN 2 20180826T064727 20180826T064856 C001 CS OFFL SIR SIN 2 20180826T065355 20180826T065402 C001 CS_OFFL_SIR_SIN_2__20180826T065730_20180826T065907_C001 CS_OFFL_SIR_SIN_2_20180826T074610_20180826T074635_C001 CS_OFFL_SIR_SIN_2__20180826T082737_20180826T082854_C001 CS_OFFL_SIR_SIN_2__20180826T083426_20180826T083744_C001 CS OFFL SIR SIN 2 20180826T092536 20180826T092630 C001 CS_OFFL_SIR_SIN_2__20180826T100657_20180826T100813_C001 CS_OFFL_SIR_SIN_2_20180826T101322_20180826T101634_C001 CS OFFL SIR SIN 2 20180826T114754 20180826T115028 C001 CS OFFL SIR SIN 2 20180826T115226 20180826T115759 C001 CS_OFFL_SIR_SIN_2__20180826T124313_20180826T124810_C001 CS_OFFL_SIR_SIN_2__20180826T132651_20180826T132932_C001 CS_OFFL_SIR_SIN_2__20180826T133135_20180826T133238_C001 CS OFFL SIR SIN 2 20180826T133637 20180826T133815 C001 CS_OFFL_SIR_SIN_2__20180826T142251_20180826T142327_C001 CS_OFFL_SIR_SIN_2__20180826T142430_20180826T142547_C001 CS_OFFL_SIR_SIN_2__20180826T145616_20180826T150006_C001 CS_OFFL_SIR_SIN_2__20180826T150519_20180826T150735_C001 CS_OFFL_SIR_SIN_2__20180826T151539_20180826T151727_C001 CS OFFL SIR SIN 2 20180826T160134 20180826T160730 C001 CS_OFFL_SIR_SIN_2__20180826T164427_20180826T164614_C001 CS OFFL SIR SIN 2 20180826T164821 20180826T164853 C001 CS OFFL SIR SIN 2 20180826T165422 20180826T165648 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), 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) 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 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 SARIn X-track Angle Error 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 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 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 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 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 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 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

CS_OFFL_SIR_SIN_220180826T173503_20180826T173527_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
		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_220180826T182353_20180826T182535_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180826T182639_20180826T182823_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180826T183307_20180826T183327_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180826T183420_20180826T183543_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180826T200402_20180826T200732_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180826T201302_20180826T201418_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180826T214313_20180826T214634_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180826T215147_20180826T215311_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180826T223338_20180826T223519_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180826T232022_20180826T232215_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180826T233047_20180826T233156_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	134	134	134	0	0
SIR_LRM_2	133	133	133	0	0
SIR_LRMI2_	133	133	133	0	0
SIR_SAR_1B	86	86	86	0	0
SIR_SAR_2	86	86	86	0	0
SIR_SARI2_	86	86	86	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

0

Number of products with QCC errors:

6.2 QCC Warnings	
Number of QCC reports with warnings	0

6.2 Missing QCC Reports

Number of products with missing QCC reports: 175