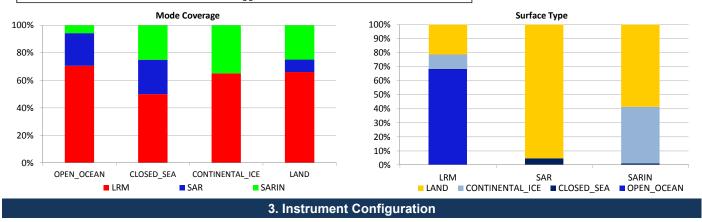


IDEAS+ Daily Report for OFFLINE data:

04/02/2017

		1. Overview	
Report Production Date:	06-Mar-2017	Check	Status
Report Production Date.	00-1011-2017	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:		Server check: calval-pds.cryosat.esa.int	Nominal
Processor Used.	CryoSat Ice Processor	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
lission / Instrument News			
03-Feb-2017 None			
04-Feb-2017 None			

04-Feb-2017 None 05-Feb-2017 Nothing planned	
2. Global Co	verage
Global Coverage - North Pole	Global Coverage - South Pole
XXXXXXXXXXX	Mode Coverage (%)
FALL VERT VERSAA	SAR 13.2
	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:

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.

Test Failed

Number of products with errors:

Product

CS_OFFL_SIR_LRM_1B_20170204T083819_20170204T090406_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 201702031233603 201702041000901 C001		There is a height and backscatter error for Retracker 2 for one or more records
CS OFFL SIR LRM 2 201702041010001 201702041010149 C001		There is a height and backscatter error for Retracker 2 for one or more records

CS_OFFL_SIR_LRM_220170204T011515_20170204T014857_C001
CS_0FFL_SIR_LRM_220170204T020153_20170204T022133_C001
CS_OFFL_SIR_LRM_220170204T023019_20170204T023200_C001
CS_OFFL_SIR_LRM_220170204T025311_20170204T032657_C001
CS_OFFL_SIR_LRM_220170204T033454_20170204T033851_C001
CS_OFFL_SIR_LRM_220170204T034242_20170204T040952_C001
CS_OFFL_SIR_LRM_220170204T043424_20170204T044412_C001
CS_OFFL_SIR_LRM_220170204T044853_20170204T045022_C001
CS_OFFL_SIR_LRM_220170204T045026_20170204T050632_C001
CS_OFFL_SIR_LRM_220170204T052418_20170204T053713_C001
CS_OFFL_SIR_LRM_220170204T053927_20170204T055148_C001
CS_OFFL_SIR_LRM_220170204T055402_20170204T055545_C001
CS_OFFL_SIR_LRM_220170204T061846_20170204T062912_C001
CS_OFFL_SIR_LRM_220170204T063052_20170204T064522_C001
CS_OFFL_SIR_LRM_220170204T071006_20170204T071311_C001
CS_OFFL_SIR_LRM_220170204T072051_20170204T072305_C001
CS_OFFL_SIR_LRM_220170204T072428_20170204T073127_C001
CS_OFFL_SIR_LRM_220170204T080124_20170204T080525_C001
CS_OFFL_SIR_LRM_220170204T080631_20170204T082442_C001
CS_OFFL_SIR_LRM_2_20170204T083819_20170204T090406_C001
C3_0FFL_3IK_LKWI_Z201702041092734_201702041092641_0001
CS_OFFL_SIR_LRM_220170204T093850_20170204T100411_C001
CS_OFFL_SIR_LRM_220170204T101122_20170204T101447_C001
CS_OFFL_SIR_LRM_220170204T103454_20170204T105025_C001
CS_OFFL_SIR_LRM_220170204T112214_20170204T113551_C001
CS_OFFL_SIR_LRM_220170204T114546_20170204T115354_C001
CS_OFFL_SIR_LRM_220170204T115740_20170204T123118_C001
CS_OFFL_SIR_LRM_220170204T124547_20170204T124630_C001
CS_OFFL_SIR_LRM_220170204T130443_20170204T131402_C001
CS_OFFL_SIR_LRM_220170204T131439_20170204T132319_C001
CS_OFFL_SIR_LRM_220170204T133618_20170204T135854_C001
CS_0FFL_SIR_LRM_220170204T143049_20170204T143145_C001
CS_OFFL_SIR_LRM_220170204T143439_20170204T143930_C001
CS_OFFL_SIR_LRM_220170204T144302_20170204T144744_C001
CS_OFFL_SIR_LRM_2_20170204T144932_20170204T150105_C001
CS_OFFL_SIR_LRM_2_20170204T150641_20170204T150942_C001
CS_OFFL_SIR_LRM_220170204T151609_20170204T154751_C001
CS_OFFL_SIR_LRM_220170204T160559_20170204T161252_C001
CS_OFFL_SIR_LRM_220170204T161306_20170204T163718_C001
CS_OFFL_SIR_LRM_220170204T164654_20170204T164848_C001
CS_OFFL_SIR_LRM_220170204T165518_20170204T171209_C001
CS_OFFL_SIR_LRM_220170204T171222_20170204T172436_C001
CS_OFFL_SIR_LRM_220170204T174609_20170204T180151_C001
CS_OFFL_SIR_LRM_220170204T180811_20170204T181958_C001
CS_OFFL_SIR_LRM_220170204T182536_20170204T182804_C001
CS_OFFL_SIR_LRM_220170204T183446_20170204T184940_C001

Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	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	There is a height and backscatter error for Retracker 2 for one or more
Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	records 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
Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	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 records
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	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), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error
(Retracker 2) Height Error (Retracker 2), Backscatter	for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more
Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
Error (Retracker 2) Height Error (Retracker 2), Height Error	records There is a height and backscatter error for Retracker 2 and a height error
(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more
Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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
Error (Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	records There is a height and backscatter error for Retracker 2 and a height error
(Retracker 2) Height Error (Retracker 2), Backscatter	for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more
Error (Retracker 2) Height Error (Retracker 2), Height Error	records There is a height and backscatter error for Retracker 2 and a height error
(Retracker 3), Backscatter Error (Retracker 2)	for Retracker 3 for one or more records
Surface Model Unavailable Height Error (Retracker 2), Backscatter	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
Error (Retracker 2) Height Error (Retracker 2), Height Error	records
(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
Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error	There is a height and backscatter error for Retracker 2 for one or more records
(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), 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
Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	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	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2) 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) 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
Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
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), Height Error (Retracker 3), Backscatter Error	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	There is a height and backscatter error for Retracker 2 for one or more records
Error (Retracker 2) 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
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) Height Error (Retracker 2) Backscatter	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
Surface Model Unavailable Height Error (Retracker 2), Backscatter	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
Error (Retracker 2)	records

CS_OFFL_SIR_LRM_220170204T185120_20170204T185748_C001
CS_OFFL_SIR_LRM_220170204T193130_20170204T193518_C001
CS_OFFL_SIR_LRM_220170204T193641_20170204T194231_C001
CS_OFFL_SIR_LRM_220170204T194248_20170204T200041_C001
CS_OFFL_SIR_LRM_220170204T200319_20170204T201208_C001
CS_OFFL_SIR_LRM_220170204T201422_20170204T203639_C001
CS_OFFL_SIR_LRM_220170204T204932_20170204T205033_C001
CS_OFFL_SIR_LRM_220170204T211324_20170204T213925_C001
CS_OFFL_SIR_LRM_220170204T214531_20170204T214959_C001
CS_OFFL_SIR_LRM_220170204T215247_20170204T222117_C001
CS_OFFL_SIR_LRM_220170204T224713_20170204T230146_C001
CS_OFFL_SIR_LRM_220170204T230722_20170204T231814_C001
CS_OFFL_SIR_LRM_220170204T233215_20170204T235150_C001
CS_OFFL_SIR_LRM_220170204T235153_20170204T235836_C001
CS_OFFL_SIR_SIN_220170204T001201_20170204T001533_C001
CS_OFFL_SIR_SIN_220170204T015116_20170204T015437_C001
CS_OFFL_SIR_SIN_220170204T015950_20170204T020114_C001
CS_OFFL_SIR_SIN_220170204T024159_20170204T024320_C001
CS_OFFL_SIR_SIN_220170204T032827_20170204T033055_C001
CS_OFFL_SIR_SIN_220170204T033851_20170204T034000_C001
CS_OFFL_SIR_SIN_220170204T041741_20170204T041839_C001
CS_OFFL_SIR_SIN_220170204T042120_20170204T042229_C001
CS_OFFL_SIR_SIN_220170204T050636_20170204T050816_C001
CS_OFFL_SIR_SIN_220170204T051552_20170204T051746_C001
CS_OFFL_SIR_SIN_220170204T055927_20170204T060143_C001
CS_OFFL_SIR_SIN_220170204T064554_20170204T064741_C001
CS_OFFL_SIR_SIN_220170204T065424_20170204T070117_C001
CS_OFFL_SIR_SIN_220170204T073512_20170204T074023_C001
CS_OFFL_SIR_SIN_220170204T082457_20170204T082750_C001
CS_OFFL_SIR_SIN_220170204T083414_20170204T083714_C001
CS_OFFL_SIR_SIN_220170204T100436_20170204T100550_C001
CS_OFFL_SIR_SIN_220170204T101447_20170204T101606_C001
CS_OFFL_SIR_SIN_220170204T110459_20170204T110624_C001
CS_OFFL_SIR_SIN_220170204T114423_20170204T114546_C001
CS_OFFL_SIR_SIN_220170204T115355_20170204T115506_C001
CS_OFFL_SIR_SIN_220170204T132358_20170204T132523_C001
CS_OFFL_SIR_SIN_220170204T133042_20170204T133348_C001
CS_OFFL_SIR_SIN_220170204T150342_20170204T150641_C001
CS_OFFL_SIR_SIN_220170204T150942_20170204T151320_C001
CS_OFFL_SIR_SIN_220170204T164419_20170204T164654_C001
CS_OFFL_SIR_SIN_220170204T164848_20170204T165117_C001
CS_OFFL_SIR_SIN_220170204T165335_20170204T165513_C001
CS_OFFL_SIR_SIN_220170204T173927_20170204T174047_C001
CS_OFFL_SIR_SIN_220170204T174451_20170204T174609_C001
CS_OFFL_SIR_SIN_220170204T181959_20170204T182535_C001
CS_OFFL_SIR_SIN_220170204T182805_20170204T182830_C001
CS_OFFL_SIR_SIN_220170204T183255_20170204T183435_C001
CS_OFFL_SIR_SIN_220170204T191403_20170204T191448_C001
CS_OFFL_SIR_SIN_220170204T191900_20170204T192108_C001
CS_OFFL_SIR_SIN_220170204T200142_20170204T200319_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)
Surface Model Unavailable
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 (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)
Height Error (Retracker 2), Backscatter Error (Retracker 2)
Height Error (Retracker 2), Backscatter Error (Retracker 2)
Height Error (Retracker 2), Backscatter Error (Retracker 2)
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, Surface Model Unavailable
SARIn X-track Angle Error
SARIn X-track Angle Error
1

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
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
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 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
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
An ambiguous angle was detected for SARIn mode for one or more
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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 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
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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

CS_OFFL_SIR_SIN_220170204T201209_20170204T201414_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
	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_220170204T214117_20170204T214244_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170204T214427_20170204T214531_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170204T214959_20170204T215224_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170204T232054_20170204T232446_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170204T233037_20170204T233202_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	167	167	167	0	0
SIR_LRM_2	167	167	167	0	0
SIR_LRMI2_	167	167	167	0	0
SIR_SAR_1B	116	116	116	0	0
SIR_SAR_2	115	115	115	0	0
SIR_SARI2_	115	115	115	0	0
SIR_SIN_1B	100	100	100	0	0
SIR_SIN_2	100	100	100	0	0
SIR_SINI2	100	100	100	0	0
SIR_GDR_2	14	14	14	0	0

6.1 QCC Errors		
Number of products with QCC errors:	0	
6.2 QCC Warnings		
Number of QCC reports with warnings	0	
6.2 Missing QCC Reports		
Number of products with missing QCC reports:	107	