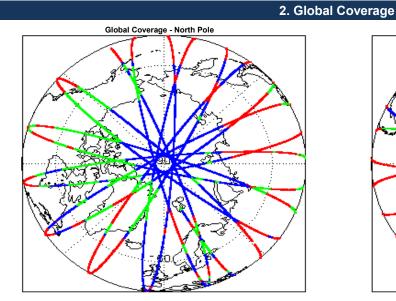


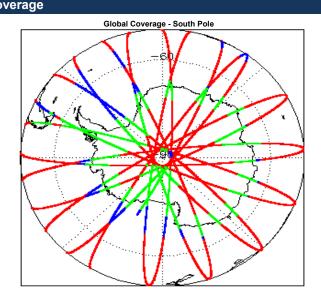
IDEAS+ Daily Report for OFFLINE data:

<u>14/02/2017</u>

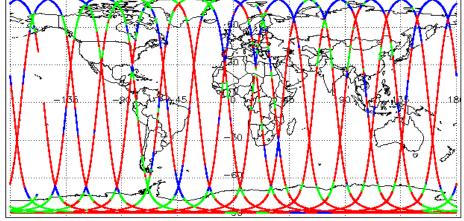
eport Production Date:	16-Mar-2017	Check	Status	
report Production Date.	10-101-2017	Server check: science-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal	
		Product Software Check	Nominal	
Data Used:	L1B and L2 OFFLINE Data	Product Format Check	Nominal	
Data Used:		Product Header Analysis	Nominal	
•		Star Tracker Usage Check	Nominal	
		L1B Calibration Usage Check	Nominal	
		L1B & L2 Auxiliary Data File Usage Check	Nominal	
		L1B & L2 Auxiliary Correction Error Check	Nominal	
		L1B & L2 Measurement Confidence Data Check	See Section 4.7 and 5.5	

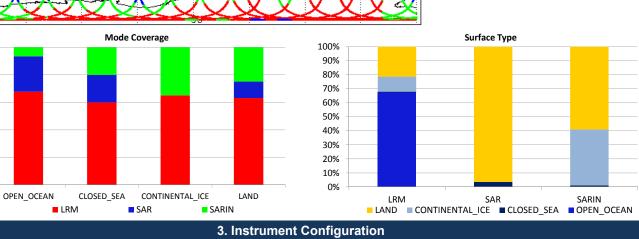
Mission / Instrument News			
13-Feb-2017	None		
14-Feb-2017	None		
15-Feb-2017	Nothing planned		





Mode Coverage (%) LRM 19.8 SAR 13.8 SARIn 0.0





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

SIRAL instrument(s) in use: SIRA

100%

80%

60%

40%

20%

0%

SIRAL - A

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors: 0

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

0

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:

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. Number of products with errors: 0

5.4 L2 Auxiliary Correction Error Check

CryoSat L2 data includes a correction error flag (field 30) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a quality flag (field 50) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Currently, there are several common error flags raised in the Level 2 products which are expected due to operational mode or surface type. All common flags are summarised in the list below, followed by a table of any additional issues arising from this test.

Freeboard error: This flag is correctly set in all L2 SAR products that are not discriminated as sea-ice, and for which freeboard cannot be calculated.

Height and Backscatter errors: These flags are currently set for products over land, but this is to be expected. Retracker 1 Height and Backscatter error flags are also set for products over sea-ice, but this is to be expected.

Peakiness error: This flag is currently set for products over sea-ice, but this is to be expected.

113

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.

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220170214T001018_20170214T001638_C001	o	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220170214T001928_20170214T002258_C001	o	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220170214T004042_20170214T004145_C001	•	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_220170214T004658_20170214T005008_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_2__20170214T010253_20170214T011120_C001 CS OFFL SIR LRM 2 20170214T011405 20170214T013659 C001 CS_OFFL_SIR_LRM_2__20170214T014904_20170214T020411_C001 CS_OFFL_SIR_LRM_2__20170214T020428_20170214T020911_C001 CS OFFL SIR LRM 2 20170214T021813 20170214T021909 C001 CS OFFL SIR LRM 2 20170214T024114 20170214T031512 C001 CS OFFL SIR LRM 2 20170214T033322 20170214T040447 C001 CS_OFFL_SIR_LRM_2__20170214T042444_20170214T043159_C001 CS OFFL SIR LRM 2 20170214T043640 20170214T043744 C001 CS_OFFL_SIR_LRM_2__20170214T043803_20170214T045427_C001 CS_OFFL_SIR_LRM_2__20170214T051126_20170214T052500_C001 CS OFFL SIR LRM 2 20170214T052714 20170214T053833 C001 CS_OFFL_SIR_LRM_2__20170214T060639_20170214T061700_C001 CS_OFFL_SIR_LRM_2__20170214T061840_20170214T063333_C001 CS OFFL SIR LRM 2 20170214T065355 20170214T070205 C001 CS_OFFL_SIR_LRM_2__20170214T070603_20170214T071051_C001 CS_OFFL_SIR_LRM_2__20170214T074938_20170214T081246_C001 CS OFFL SIR LRM 2 20170214T082553 20170214T085445 C001 CS OFFL SIR LRM 2 20170214T091541 20170214T091627 C001 CS_OFFL_SIR_LRM_2__20170214T092628_20170214T095211_C001 CS OFFL SIR LRM 2 20170214T095907 20170214T100234 C001 CS OFFL SIR LRM 2 20170214T100520 20170214T101702 C001 CS_OFFL_SIR_LRM_2__20170214T102240_20170214T103906_C001 CS_OFFL_SIR_LRM_2__20170214T110324_20170214T112121_C001 CS_OFFL_SIR_LRM_2__20170214T112532_20170214T113202_C001 CS OFFL SIR LRM 2 20170214T113343 20170214T114137 C001 CS_OFFL_SIR_LRM_2__20170214T114443_20170214T120318_C001 CS_OFFL_SIR_LRM_2__20170214T121437_20170214T121835_C001 CS OFFL SIR LRM 2 20170214T124428 20170214T124525 C001 CS OFFL SIR LRM 2 20170214T125419 20170214T131147 C001 CS_OFFL_SIR_LRM_2__20170214T132348_20170214T134639_C001 CS_OFFL_SIR_LRM_2__20170214T134924_20170214T135854_C001 CS_OFFL_SIR_LRM_2__20170214T142010_20170214T142153_C001 CS OFFL SIR LRM 2 20170214T142235 20170214T142752 C001 CS_OFFL_SIR_LRM_2__20170214T142921_20170214T143531_C001 CS_OFFL_SIR_LRM_2__20170214T143639_20170214T145050_C001 CS_OFFL_SIR_LRM_2__20170214T150336_20170214T153514_C001 CS_OFFL_SIR_LRM_2__20170214T155312_20170214T161232_C001 CS OFFL SIR LRM 2 20170214T161238 20170214T162513 C001 CS_OFFL_SIR_LRM_2__20170214T163439_20170214T163635_C001 CS OFFL SIR LRM 2 20170214T164305 20170214T165901 C001 CS_OFFL_SIR_LRM_2__20170214T170104_20170214T171120_C001 CS_OFFL_SIR_LRM_2__20170214T173753_20170214T174939_C001 CS OFFL SIR LRM 2 20170214T181310 20170214T181556 C001 CS OFFL SIR LRM 2 20170214T182234 20170214T183727 C001 CS_OFFL_SIR_LRM_2__20170214T183906_20170214T184149_C001 CS_OFFL_SIR_LRM_2__20170214T191600_20170214T192144_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) 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), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Erro (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Surface Model Unavailable Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), 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) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error for Retracker 3 for one or more records (Retracker 2)

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 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 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 There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more records There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records 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 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 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 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 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 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 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 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

CS_OFFL_SIR_LRM_2__20170214T192428_20170214T192713_C001 CS_OFFL_SIR_LRM_2__20170214T192716_20170214T194843_C001 CS OFFL SIR LRM 2 20170214T195107 20170214T195945 C001 CS OFFL SIR LRM 2 20170214T200152 20170214T202715 C001 CS_OFFL_SIR_LRM_2_20170214T203718_20170214T203800_C001 CS OFFL SIR LRM 2 20170214T205902 20170214T211516 C001 CS OFFL SIR LRM 2 20170214T211548 20170214T212740 C001 CS_OFFL_SIR_LRM_2__20170214T214033_20170214T220740_C001 CS_OFFL_SIR_LRM_2_20170214T223416_20170214T224933_C001 CS_OFFL_SIR_LRM_2__20170214T225506_20170214T230645_C001 CS_OFFL_SIR_LRM_2_20170214T231939_20170214T232603_C001 CS_OFFL_SIR_LRM_2__20170214T233032_20170214T233647_C001 CS_OFFL_SIR_LRM_2__20170214T235724_20170214T235809_C001 CS OFFL SIR SIN 2 20170213T235957 20170214T000320 C001 CS_OFFL_SIR_SIN_2__20170214T000845_20170214T001003_C001 CS OFFL SIR SIN 2 20170214T013856 20170214T014217 C001 CS_OFFL_SIR_SIN_2__20170214T014736_20170214T014900_C001 CS_OFFL_SIR_SIN_2__20170214T022830_20170214T023110_C001 CS OFFL SIR SIN 2 20170214T031528 20170214T031730 C001 CS_OFFL_SIR_SIN_2__20170214T032612_20170214T032741_C001 CS_OFFL_SIR_SIN_2_20170214T040501_20170214T040527_C001 CS OFFL SIR SIN 2 20170214T040531 20170214T040605 C001 CS OFFL SIR SIN 2 20170214T040908 20170214T041011 C001 CS OFFL SIR SIN 2 20170214T045427 20170214T045605 C001 CS OFFL SIR SIN 2 20170214T050330 20170214T050533 C001 CS_OFFL_SIR_SIN_2__20170214T054710_20170214T054925_C001 CS OFFL SIR SIN 2 20170214T063341 20170214T063528 C001 CS OFFL SIR SIN 2 20170214T064210 20170214T064904 C001 CS_OFFL_SIR_SIN_2__20170214T065024_20170214T065355_C001 CS_OFFL_SIR_SIN_2_20170214T081246_20170214T081601_C001 CS_OFFL_SIR_SIN_2__20170214T081947_20170214T081953_C001 CS_OFFL_SIR_SIN_2__20170214T082258_20170214T082507_C001 CS OFFL SIR SIN 2 20170214T095211 20170214T095342 C001 CS_OFFL_SIR_SIN_2__20170214T095901_20170214T095907_C001 CS_OFFL_SIR_SIN_2_20170214T100234_20170214T100357_C001 CS OFFL SIR SIN 2 20170214T105058 20170214T105133 C001 CS OFFL SIR SIN 2 20170214T113218 20170214T113343 C001 CS_OFFL_SIR_SIN_2__20170214T113935_20170214T113937_C001 CS_OFFL_SIR_SIN_2__20170214T114137_20170214T114250_C001 CS_OFFL_SIR_SIN_2__20170214T131147_20170214T131313_C001 CS OFFL SIR SIN 2 20170214T131827 20170214T132128 C001 CS_OFFL_SIR_SIN_2__20170214T145154_20170214T145458_C001 CS_OFFL_SIR_SIN_2__20170214T145728_20170214T150242_C001 CS_OFFL_SIR_SIN_2__20170214T154827_20170214T155221_C001 CS_OFFL_SIR_SIN_2__20170214T163205_20170214T163439_C001 CS_OFFL_SIR_SIN_2__20170214T163635_20170214T163828_C001 CS OFFL SIR SIN 2 20170214T164140 20170214T164305 C001 CS_OFFL_SIR_SIN_2__20170214T172714_20170214T172829_C001 CS OFFL SIR SIN 2 20170214T173032 20170214T173313 C001 CS OFFL SIR SIN 2 20170214T180703 20170214T181310 C001

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). Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), 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

There is a height and backscatter error for Retracker 2 for one or more ecords There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records No DEM or Slope Model was used for the location of one or more records There is a height and backscatter error for Retracker 2 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 ecords 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 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 records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode 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_220170214T181556_20170214T181610_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170214T182040_20170214T182222_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170214T190640_20170214T190857_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170214T190944_20170214T191122_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_220170214T194923_20170214T195107_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170214T195945_20170214T200125_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170214T204606_20170214T205050_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_220170214T212900_20170214T213034_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170214T213205_20170214T213321_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170214T213741_20170214T214024_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170214T230844_20170214T231233_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170214T231820_20170214T231939_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	159	159	159	0	0
SIR_LRM_2	158	158	158	0	0
SIR_LRMI2_	158	158	158	0	0
SIR_SAR_1B	111	111	111	0	0
SIR_SAR_2	111	111	111	0	0
SIR_SARI2_	111	111	111	0	0
SIR_SIN_1B	111	111	111	0	0
SIR SIN 2	111	111	111	0	0
SIR_SINI2	111	111	111	0	0
SIR_GDR_2	15	15	15	0	0

6.1 QCC Errors

Number of products with QCC errors: 0

0

6.2 QCC Warnings

Number of QCC reports with warnings

6.2 Missing QCC Reports

Number of products with missing QCC reports: 112