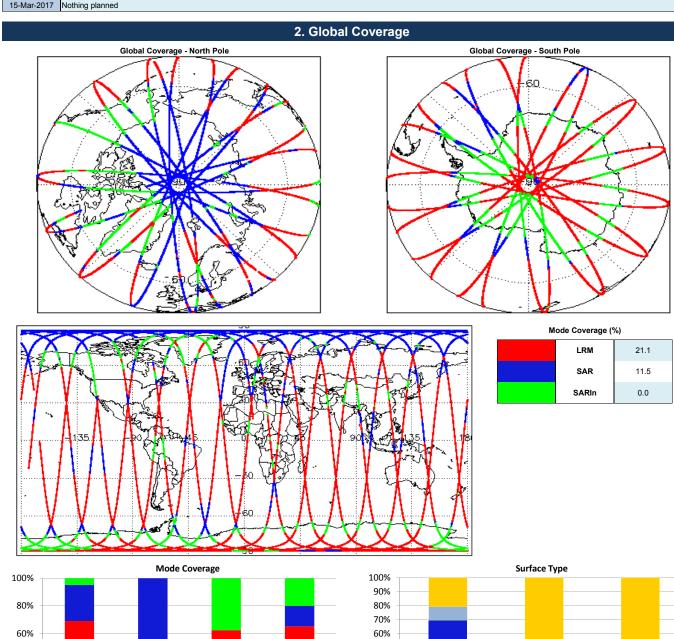


IDEAS+ Daily Report for OFFLINE data:

<u>14/03/2017</u>

Report Production Date:	12-Apr-2017	Check	Status
Report Production Date.	12-Api-2017	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
	Cryosal ice Processor	Product Software Check	Nominal
Data Used:		Product Format Check	Nominal
Data USed:	L1B and L2 OFFLINE Data	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
		L L	
Mission / Instrument News			
13-Mar-2017 None			
14-Mar-2017 None			
45 Max 0047 Nothing along			

1. Overview



50%

40% 30%

20% 10%

0%

3. Instrument Configuration

LRM SAR SARIN LAND CONTINENTAL_ICE CLOSED_SEA OPEN_OCEAN

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

CLOSED_SEA

CONTINENTAL_ICE

SAR

LAND

SARIN

SIRAL instrument(s) in use: SIRAL - A

LRM

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

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.

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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	i products	with errors:	
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Product	Test Failed	Description
CS_OFFL_SIR_LRM_220170314T000630_20170314T000742_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_220170314T002802_20170314T003711_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_220170314T003957_20170314T005552_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_220170314T005557_20170314T010214_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__20170314T011524_20170314T013731_C001 CS OFFL SIR LRM 2 20170314T013809 20170314T014245 C001 CS OFFL SIR LRM 2 20170314T020917 20170314T022456 C001 CS OFFL SIR LRM 2 20170314T022459 20170314T024111 C001 CS_OFFL_SIR_LRM_2__20170314T025524_20170314T025550_C001 CS_OFFL_SIR_LRM_2__20170314T025907_20170314T031133_C001 CS_OFFL_SIR_LRM_2__20170314T031237_20170314T032543_C001 CS OFFL SIR LRM 2 20170314T035114 20170314T040233 C001 CS_OFFL_SIR_LRM_2__20170314T040436_20170314T042019_C001 CS OFFL SIR LRM 2 20170314T043550 20170314T044819 C001 CS_OFFL_SIR_LRM_2__20170314T045300_20170314T050445_C001 CS_OFFL_SIR_LRM_2__20170314T054357_20170314T055918_C001 CS OFFL SIR LRM 2 20170314T060652 20170314T060806 C001 CS_OFFL_SIR_LRM_2__20170314T061206_20170314T063931_C001 CS_OFFL_SIR_LRM_2__20170314T071311_20170314T073856_C001 CS_OFFL_SIR_LRM_2__20170314T074550_20170314T074915_C001 CS_OFFL_SIR_LRM_2__20170314T075140_20170314T080345_C001 CS_OFFL_SIR_LRM_2__20170314T080915_20170314T081942_C001 CS OFFL SIR LRM 2 20170314T085159 20170314T091823 C001 CS_OFFL_SIR_LRM_2__20170314T092448_20170314T092816_C001 CS OFFL SIR LRM 2 20170314T093124 20170314T094256 C001 CS_OFFL_SIR_LRM_2_20170314T094829_20170314T100616_C001 CS_OFFL_SIR_LRM_2__20170314T101921_20170314T102038_C001 CS OFFL SIR LRM 2 20170314T105454 20170314T105802 C001 CS OFFL SIR LRM 2 20170314T111014 20170314T112905 C001 CS OFFL SIR LRM 2 20170314T114024 20170314T114437 C001 CS_OFFL_SIR_LRM_2__20170314T120831_20170314T121426_C001 CS OFFL SIR LRM 2 20170314T121715 20170314T123700 C001 CS_OFFL_SIR_LRM_2__20170314T123907_20170314T124408_C001 CS_OFFL_SIR_LRM_2__20170314T124920_20170314T132309_C001 CS OFFL SIR LRM 2 20170314T134850 20170314T141145 C001 CS_OFFL_SIR_LRM_2__20170314T142953_20170314T143723_C001 CS OFFL SIR LRM 2 20170314T143726 20170314T144732 C001 CS_OFFL_SIR_LRM_2__20170314T145213_20170314T150026_C001 CS_OFFL_SIR_LRM_2__20170314T153831_20170314T155305_C001 CS_OFFL_SIR_LRM_2__20170314T160901_20170314T162436_C001 CS_OFFL_SIR_LRM_2__20170314T162636_20170314T162702_C001 CS_OFFL_SIR_LRM_2__20170314T162705_20170314T163558_C001 CS_OFFL_SIR_LRM_2__20170314T170313_20170314T170345_C001 CS_OFFL_SIR_LRM_2__20170314T170418_20170314T171400_C001 CS_OFFL_SIR_LRM_2__20170314T172048_20170314T173546_C001 CS OFFL SIR LRM 2 20170314T173809 20170314T174627 C001 CS_OFFL_SIR_LRM_2__20170314T174823_20170314T180522_C001 CS_OFFL_SIR_LRM_2__20170314T180754_20170314T181005_C001 CS OFFL SIR LRM 2 20170314T184726 20170314T191436 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), 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) 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), 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) 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), 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), 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) 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) 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)

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 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 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 ecords 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 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 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 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 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 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 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 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

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

CS_OFFL_SIR_LRM_2__20170314T191947_20170314T192452_C001 CS_OFFL_SIR_LRM_2__20170314T192732_20170314T195305_C001 CS_OFFL_SIR_LRM_2__20170314T202507_20170314T203611_C001 CS OFFL SIR LRM 2 20170314T204150 20170314T205321 C001 CS_OFFL_SIR_LRM_2__20170314T210643_20170314T213534_C001 CS_OFFL_SIR_LRM_2__20170314T214308_20170314T214457_C001 CS OFFL SIR LRM 2 20170314T215812 20170314T223255 C001 CS OFFL SIR LRM 2 20170314T225425 20170314T225754 C001 CS OFFL SIR LRM 2 20170314T232153 20170314T232513 C001 CS OFFL SIR LRM 2 20170314T233752 20170314T234621 C001 CS_OFFL_SIR_LRM_2__20170314T234906_20170315T001213_C001 CS_OFFL_SIR_SIN_2__20170314T010307_20170314T010723_C001 CS OFFL SIR SIN 2 20170314T011322 20170314T011435 C001 CS_OFFL_SIR_SIN_2__20170314T015233_20170314T015508_C001 CS_OFFL_SIR_SIN_2__20170314T015532_20170314T015655_C001 CS OFFL SIR SIN 2 20170314T024115 20170314T024238 C001 CS_OFFL_SIR_SIN_2__20170314T025041_20170314T025227_C001 CS_OFFL_SIR_SIN_2__20170314T032932_20170314T033348_C001 CS OFFL SIR SIN 2 20170314T033457 20170314T033603 C001 CS_OFFL_SIR_SIN_2__20170314T042022_20170314T042205_C001 CS_OFFL_SIR_SIN_2_20170314T042731_20170314T042738_C001 CS OFFL SIR SIN 2 20170314T042857 20170314T043129 C001 CS_OFFL_SIR_SIN_2__20170314T055921_20170314T060135_C001 CS_OFFL_SIR_SIN_2__20170314T060806_20170314T061138_C001 CS_OFFL_SIR_SIN_2__20170314T073917_20170314T074144_C001 CS_OFFL_SIR_SIN_2__20170314T074527_20170314T074534_C001 CS OFFL SIR SIN 2 20170314T074915 20170314T075057 C001 CS_OFFL_SIR_SIN_2__20170314T083858_20170314T083920_C001 CS_OFFL_SIR_SIN_2__20170314T091824_20170314T091947_C001 CS OFFL SIR SIN 2 20170314T092817 20170314T092958 C001 CS_OFFL_SIR_SIN_2__20170314T105822_20170314T105944_C001 CS_OFFL_SIR_SIN_2__20170314T110511_20170314T110824_C001 CS OFFL SIR SIN 2 20170314T123753 20170314T123907 C001 CS_OFFL_SIR_SIN_2__20170314T124408_20170314T124727_C001 CS_OFFL_SIR_SIN_2__20170314T141844_20170314T142120_C001 CS OFFL SIR SIN 2 20170314T142313 20170314T142938 C001 CS_OFFL_SIR_SIN_2__20170314T151356_20170314T151517_C001 CS OFFL SIR SIN 2 20170314T151801 20170314T151916 C001 CS OFFL SIR SIN 2 20170314T160224 20170314T160313 C001 CS OFFL SIR SIN 2 20170314T160726 20170314T160901 C001 CS_OFFL_SIR_SIN_2_20170314T165310_20170314T165415_C001 CS_OFFL_SIR_SIN_2__20170314T165500_20170314T165550_C001 CS_OFFL_SIR_SIN_2__20170314T165739_20170314T165945_C001 CS OFFL SIR SIN 2 20170314T173613 20170314T173809 C001 CS_OFFL_SIR_SIN_2__20170314T174627_20170314T174814_C001 CS_OFFL_SIR_SIN_2__20170314T183223_20170314T183730_C001 CS_OFFL_SIR_SIN_2_20170314T191546_20170314T191704_C001 CS_OFFL_SIR_SIN_2__20170314T191905_20170314T191947_C001 CS_OFFL_SIR_SIN_2__20170314T192452_20170314T192732_C001

Surface Model Unavailable 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) 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, Surface Model Unavailab SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error

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 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 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 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 An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more

CS_OFFL_SIR_SIN_220170314T200532_20170314T200604_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_220170314T205508_20170314T205628_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170314T205712_20170314T205910_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170314T210512_20170314T210642_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170314T223456_20170314T223818_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170314T224343_20170314T224500_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	171	171	171	0	0
SIR_LRM_2	170	170	170	0	0
SIR_LRMI2_	170	170	170	0	0
SIR_SAR_1B	127	127	127	0	0
SIR_SAR_2	127	127	127	0	0
SIR_SARI2_	127	127	127	0	0
SIR_SIN_1B	89	89	89	0	0
SIR_SIN_2	89	89	89	0	0
SIR_SINI2	89	89	89	0	0
SIR_GDR_2	13	13	13	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:	184	