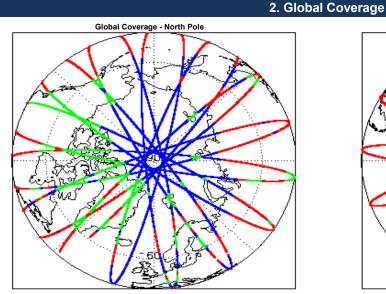
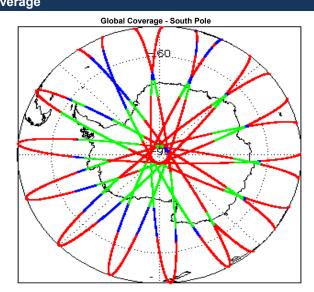


# IDEAS+ Daily Report for OFFLINE data:

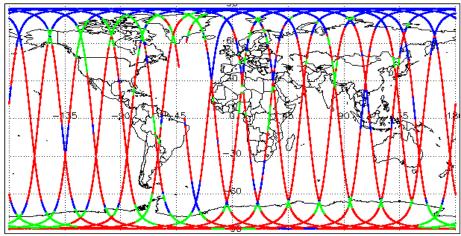
<u>14/01/2018</u>

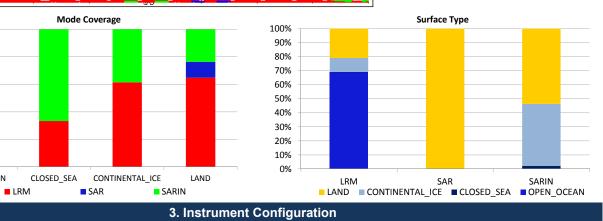
Demant Draduation Dates	14-Feb-2018	Check	Status	
Report Production Date:		Server check: science-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal	
		Product Software Check	Nominal	
Data Used:	L1B and L2 OFFLINE Data	Product Format Check	Nominal	
Data Oseu.	LTB and LZ OFFLINE Data	Product Header Analysis	See Section 4.2	
		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	
ission / Instrument News				
13-Jan-2018 None				
14-Jan-2018 None				





Mode Coverage (%) LRM 20.0 SAR 12.8 SARIn 0.0





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

OPEN\_OCEAN

100%

80%

60%

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 SF	PH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.			
Number of products with errors: 2				
Product	Test Failed			
CS_OFFL_SIR_SAR_1B_20180114T122535_20180114T122535_C001	Percentage of processing errors detected greater than minimum acceptable threshold.			
S_OFFL_SIR_SAR_1B_20180114T104355_20180114T104355_C001 Percentage of processing errors detected greater than minimum acceptable threshold.				
4.3 Star Tracker Usage Check				
Each product is checked in order to ensure a valid star tracker file has been used i	- in processing.			
Number of products with errors: 0				
4.4 L1B Calibration Usage Check				
Each product is checked in order to ensure that the necessary calibration files have	e been used in processing.			
Number of products with errors: 0				
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:

### 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 products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220180113T235932_20180114T002840_C001		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\_\_20180114T005239\_20180114T010610\_C001 CS OFFL SIR LRM 2 20180114T011230 20180114T012334 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T012950\_20180114T013223\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T013911\_20180114T015356\_C001 CS OFFL SIR LRM 2 20180114T015536 20180114T015818 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T023225\_20180114T023936\_C001 CS OFFL SIR LRM 2 20180114T024059 20180114T030502 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T030734\_20180114T031626\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T031840\_20180114T034234\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T042004\_20180114T044336\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T045709\_20180114T052310\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T055115\_20180114T060605\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T061141\_20180114T062234\_C001 CS OFFL SIR LRM 2 20180114T063633 20180114T065543 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T070114\_20180114T070248\_C001 CS OFFL SIR LRM 2 20180114T071359 20180114T071444 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T072731\_20180114T080221\_C001 CS OFFL SIR LRM 2 20180114T082437 20180114T083426 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T090711\_20180114T091614\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T091900\_20180114T094057\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T095435\_20180114T100734\_C001 CS OFFL SIR LRM 2 20180114T100808 20180114T101638 C001 CS OFFL SIR LRM 2 20180114T101734 20180114T102138 C001 CS OFFL SIR LRM 2 20180114T104814 20180114T112018 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T112729\_20180114T112958\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T113813\_20180114T115040\_C001 CS OFFL SIR LRM 2 20180114T120323 20180114T120829 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T123000\_20180114T124134\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T124338\_20180114T125915\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T131509\_20180114T132726\_C001 CS\_OFFL\_SIR\_LRM\_2\_20180114T133207\_20180114T134328\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T142301\_20180114T143807\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T145138\_20180114T151845\_C001 CS OFFL SIR LRM 2 20180114T155240 20180114T161807 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T162457\_20180114T162823\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T163049\_20180114T164648\_C001 CS OFFL SIR LRM 2 20180114T164822 20180114T165905 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T172727\_20180114T175709\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T182735\_20180114T184527\_C001 CS OFFL SIR LRM 2 20180114T191002 20180114T191137 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T193849\_20180114T194419\_C001 CS OFFL SIR LRM 2 20180114T195016 20180114T202341 C001 CS OFFL SIR LRM 2 20180114T204736 20180114T205026 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T205635\_20180114T211601\_C001 CS OFFL SIR LRM 2 20180114T211808 20180114T212315 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T212908\_20180114T220242\_C001

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

CS\_OFFL\_SIR\_LRM\_2\_\_20180114T222806\_20180114T225049\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T230025\_20180114T230219\_C001 CS OFFL SIR LRM 2 20180114T230907 20180114T231737 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T231740\_20180114T232638\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180114T233119\_20180114T233940\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T004343\_20180114T004502\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T004856\_20180114T005022\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T012334\_20180114T012950\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T013224\_20180114T013246\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T013712\_20180114T013852\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T022318\_20180114T022526\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T030559\_20180114T030734\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T031626\_20180114T031825\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T040231\_20180114T040716\_C001 CS\_OFFL\_SIR\_SIN\_2\_20180114T044535\_20180114T044704\_C001 CS OFFL SIR SIN 2 20180114T044843 20180114T044951 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T045415\_20180114T045646\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T062514\_20180114T062905\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T063454\_20180114T063618\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T071536\_20180114T071632\_C001 CS\_OFFL\_SIR\_SIN\_2\_20180114T080457\_20180114T080811\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T081325\_20180114T081438\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T094215\_20180114T094640\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T095228\_20180114T095346\_C001 CS OFFL SIR SIN 2 20180114T103148 20180114T103601 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T112021\_20180114T112142\_C001 CS OFFL SIR SIN 2 20180114T112958 20180114T113145 C001 CS OFFL SIR SIN 2 20180114T120830 20180114T121000 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T121051\_20180114T121223\_C001 CS OFFL SIR SIN 2 20180114T121404 20180114T121506 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T125927\_20180114T130109\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T130639\_20180114T130645\_C001 CS OFFL SIR SIN 2 20180114T130806 20180114T131033 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T134827\_20180114T135130\_C001 CS\_OFFL\_SIR\_SIN\_2\_20180114T135158\_20180114T135408\_C001 CS OFFL SIR SIN 2 20180114T143813 20180114T144033 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T144537\_20180114T144543\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T144710\_20180114T145130\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T153742\_20180114T153816\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T161828\_20180114T162059\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T162434\_20180114T162441\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T162451\_20180114T162456\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T162823\_20180114T163006\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T171759\_20180114T171818\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T175723\_20180114T175850\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T180348\_20180114T180355\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T180724\_20180114T180902\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T193730\_20180114T193848\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180114T194419\_20180114T194735\_C001 CS OFFL SIR SIN 2 20180114T203529 20180114T203611 C001

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), 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 Unavailable
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
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

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 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 and no DEM or Slope Model was used for one or more records
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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 and no DLM of Stope 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 of more 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 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

CS_OFFL_SIR_SIN_220180114T211653_20180114T211807_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180114T212315_20180114T212630_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180114T225748_20180114T230025_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180114T230219_20180114T230800_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180114T235304_20180114T235524_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180114T235653_20180114T235812_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	166	166	166	0	0
SIR_LRM_2	166	166	166	0	0
SIR_LRMI2_	166	166	166	0	0
SIR_SAR_1B	121	121	121	0	0
SIR_SAR_2	119	119	119	0	0
SIR_SARI2_	119	119	119	0	0
SIR_SIN_1B	103	103	103	0	0
SIR_SIN_2	103	103	103	0	0
SIR_SINI2	103	103	103	0	0
SIR GDR 2	15	15	15	0	0

6.1 QCC Errors		
Number of products with QCC errors:	0	
6.2 QCC Warnings		
Number of QCC reports with warnings	0	
0.0 Nie sie z 000 Den sets		
6.2 Missing QCC Reports		
Number of products with missing QCC reports:	200	