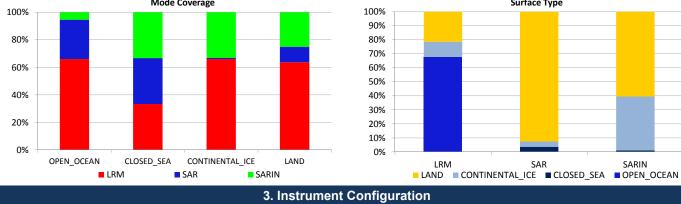


# IDEAS+ Daily Report for OFFLINE data:

<u>09/06/2017</u>

1. Overview				
Report Production Date:	07-Jul-2017	Check	Status	
Report Production Date:	07-Jui-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	
		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				
08-Jun-2017 None				
09-Jun-2017 None				

10-Jun-2017 Nothing planned	
2. Global C	overage
Giobal Coverage - North Pole	Global Coverage - South Pole
	Mode Coverage (%)
	LRM 21.8
TPINIE TA ASSA A	SAR 12.7
	SARIN 0.0
100% Mode Coverage	Surface Type



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: 0

Number of products with errors.

### 4.3 Star Tracker Usage Check

Each product is checked in order to ensure a valid star tracker file has been used in processing.

Number of products with errors:

### 4.4 L1B Calibration Usage Check

Each product is checked in order to ensure that the necessary calibration files have been used in processing

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 products with errors:

Product	Test Failed	Description
		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

CS_OFFL_SIR_LRM_220170609T003815_20170609T005050_C001
CS_OFFL_SIR_LRM_220170609T012848_20170609T014310_C001
CS_OFFL_SIR_LRM_220170609T015144_20170609T015301_C001
CS_OFFL_SIR_LRM_220170609T015843_20170609T021602_C001
CS_OFFL_SIR_LRM_220170609T021605_20170609T022424_C001
CS_OFFL_SIR_LRM_220170609T025754_20170609T032228_C001
CS_OFFL_SIR_LRM_220170609T033042_20170609T033408_C001
CS_OFFL_SIR_LRM_220170609T033732_20170609T034839_C001
CS_OFFL_SIR_LRM_220170609T035409_20170609T040402_C001
CS_OFFL_SIR_LRM_220170609T043617_20170609T050203_C001
CS_OFFL_SIR_LRM_220170609T050941_20170609T051310_C001
CS_OFFL_SIR_LRM_220170609T053156_20170609T055108_C001
CS_OFFL_SIR_LRM_220170609T060407_20170609T060641_C001
CS_OFFL_SIR_LRM_220170609T064438_20170609T065004_C001
CS_OFFL_SIR_LRM_220170609T065649_20170609T071806_C001
CS_OFFL_SIR_LRM_220170609T072052_20170609T073138_C001
CS_OFFL_SIR_LRM_220170609T074242_20170609T074535_C001
CS_OFFL_SIR_LRM_220170609T080205_20170609T081930_C001
CS_OFFL_SIR_LRM_220170609T082402_20170609T082901_C001
CS_OFFL_SIR_LRM_220170609T083551_20170609T090928_C001
CS_OFFL_SIR_LRM_220170609T090932_20170609T091202_C001
CS_OFFL_SIR_LRM_220170609T092313_20170609T092323_C001
CS_OFFL_SIR_LRM_220170609T093342_20170609T095638_C001
CS_OFFL_SIR_LRM_220170609T101546_20170609T103227_C001
CS_OFFL_SIR_LRM_220170609T103708_20170609T105127_C001
CS_OFFL_SIR_LRM_220170609T110456_20170609T112108_C001
CS_OFFL_SIR_LRM_220170609T112322_20170609T113803_C001
CS_OFFL_SIR_LRM_220170609T115437_20170609T120930_C001
CS_OFFL_SIR_LRM_220170609T121130_20170609T122051_C001
CS_OFFL_SIR_LRM_220170609T124825_20170609T125555_C001
CS_OFFL_SIR_LRM_220170609T125558_20170609T130021_C001
CS_OFFL_SIR_LRM_220170609T130525_20170609T131838_C001
CS_OFFL_SIR_LRM_220170609T132300_20170609T133121_C001
CS_OFFL_SIR_LRM_220170609T133354_20170609T135038_C001
CS_OFFL_SIR_LRM_220170609T135234_20170609T135500_C001 CS_OFFL_SIR_LRM_220170609T142219_20170609T142226_C001
CS_OFFL_SIR_LRM_2_20170609T143220_20170609T143557_C001
CS_OFFL_SIR_LRM_2_20170609T143600_20170609T145828_C001
CS_OFFL_SIR_LRM_220170609T150442_20170609T150942_C001
CS_OFFL_SIR_LRM_220170609T151358_20170609T153800_C001
CS_OFFL_SIR_LRM_220170609T160946_20170609T161026_C001
CS_OFFL_SIR_LRM_220170609T161108_20170609T162103_C001
CS_OFFL_SIR_LRM_220170609T162642_20170609T163702_C001
CS_OFFL_SIR_LRM_220170609T165225_20170609T172027_C001

Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
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
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) 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)	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), 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
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
(Retracker 2)	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), 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	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	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)	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), 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 (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), 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 (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), Height Error (Retracker 3), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
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)	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)	There is a height and backscatter error for Retracker 2 for one or more records
Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
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)	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 (Retracker 2)	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
	1

CS OFFL SIR LRM 2 20170609T172619 20170609T172947 C001 CS OFFL SIR LRM 2 20170609T174258 20170609T181558 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20170609T182312\_20170609T182835\_C001 CS OFFL SIR LRM 2 20170609T190637 20170609T191005 C001 CS OFFL SIR LRM 2 20170609T192159 20170609T193112 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20170609T193357\_20170609T195537\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20170609T201133\_20170609T202232\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20170609T202419\_20170609T202900\_C001 CS OFFL SIR LRM 2 20170609T204706 20170609T204713 C001 CS OFFL SIR LRM 2 20170609T205845 20170609T213409 C001 CS\_OFFL\_SIR\_LRM\_2\_20170609T215313\_20170609T222420\_C001 CS OFFL SIR LRM 2 20170609T223715 20170609T224425 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20170609T224428\_20170609T225151\_C001 CS OFFL SIR LRM 2 20170609T225633 20170609T231344 C001 CS OFFL SIR LRM 2 20170609T233108 20170609T234451 C001 CS\_OFFL\_SIR\_LRM\_2\_20170609T234705\_20170610T000003\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T000515\_20170609T000658\_C001 CS OFFL SIR SIN 2 20170609T001350 20170609T001624 C001 CS OFFL SIR SIN 2 20170609T001838 20170609T002007 C001 CS OFFL SIR SIN 2 20170609T005524 20170609T005953 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T014428\_20170609T014631\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T015138\_20170609T015144\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T015301\_20170609T015630\_C001 CS OFFL SIR SIN 2 20170609T024319 20170609T024359 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T032407\_20170609T032634\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T033021\_20170609T033027\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T033408\_20170609T033550\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T050319\_20170609T050443\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T050934\_20170609T050941\_C001 CS OFFL SIR SIN 2 20170609T051311 20170609T051453 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T064314\_20170609T064438\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T065004\_20170609T065317\_C001 CS OFFL SIR SIN 2 20170609T074118 20170609T074222 C001 CS OFFL SIR SIN 2 20170609T082248 20170609T082402 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T082902\_20170609T083222\_C001 CS OFFL SIR SIN 2 20170609T092433 20170609T092502 C001 CS OFFL SIR SIN 2 20170609T100337 20170609T100613 C001 CS OFFL SIR SIN 2 20170609T100806 20170609T101432 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T105848\_20170609T110008\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T110258\_20170609T110352\_C001 CS OFFL SIR SIN 2 20170609T114056 20170609T114507 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T114718\_20170609T114804\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T115221\_20170609T115355\_C001 CS\_OFFL\_SIR\_SIN\_2\_20170609T123804\_20170609T123908\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T123948\_20170609T124036\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20170609T124226\_20170609T124433\_C001 CS OFFL SIR SIN 2 20170609T132106 20170609T132300 C001 CS OFFL SIR SIN 2 20170609T133121 20170609T133309 C001 CS OFFL SIR SIN 2 20170609T141717 20170609T142219 C001

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), 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), Height Error (Retracker 3), Backscatter Error (Retracker 2) SARIn X-track Angle Error 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 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 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 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 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 and a height error for Retracker 3 for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode 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 and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode for one or more records An ambiguous angle was detected for SARIn mode 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_220170609T150038_20170609T150157_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170609T150357_20170609T150441_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170609T150942_20170609T151213_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170609T155020_20170609T155054_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_220170609T164002_20170609T164122_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170609T164202_20170609T164404_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170609T165004_20170609T165134_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170609T181951_20170609T182312_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170609T182835_20170609T182954_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170609T195846_20170609T200207_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170609T200728_20170609T200852_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170609T204814_20170609T205102_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170609T213516_20170609T213715_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170609T214554_20170609T214726_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170609T222450_20170609T222551_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220170609T222900_20170609T223002_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	136	136	136	0	0
SIR_LRM_2	136	136	136	0	0
SIR_LRMI2_	136	136	136	0	0
SIR_SAR_1B	113	113	113	0	0
SIR_SAR_2	113	113	113	0	0
SIR_SARI2_	113	113	113	0	0
SIR_SIN_1B	98	98	98	0	0
SIR_SIN_2	98	98	98	0	0
SIR_SINI2	98	98	98	0	0
SIR_GDR_2	14	14	14	0	0

## 6.1 QCC Errors

Number of products with QCC errors:

# 6.2 QCC Warnings

Number of QCC reports with warnings

## 6.2 Missing QCC Reports

Number of products with missing QCC reports: 189

0

0