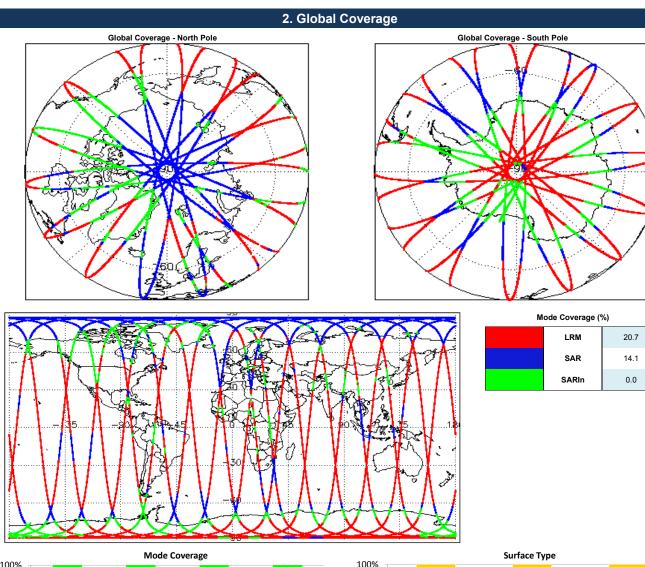
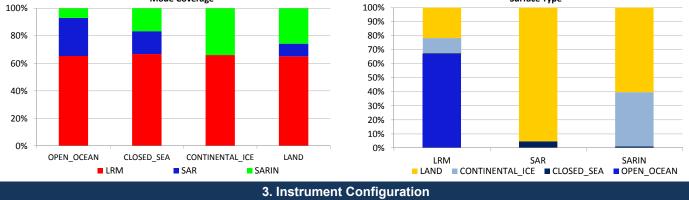


## IDEAS+ Daily Report for OFFLINE data:

<u>17/06/2018</u>

		1. Overview	
			-
Report Production Date:	18-Jul-2018	Check	Status
		Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
FIOCESSOF USEd.	Cryobal ice i rocessor	Product Software Check	Nominal
Deta Usadi	11D and 12 OFFLINE Data	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
Mission / Instrument News			
16-Jun-2018 None			
17-Jun-2018 None			
18-Jun-2018 Nothing planned			





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

SIRAL instrument(s) in use: SIRA

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

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: 3

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20180617T004111_20180617T004122_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20180617T110147_20180617T110624_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20180617T234923_20180617T235240_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

### 5. Level 2 Data Quality Check

### 5.1 L2 Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a product file (.DBL). Number of products with errors: 0

### 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.

#### 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:

#### 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.

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_220180617T001838_20180617T002230_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_220180617T004429_20180617T004445_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error
	(Retracker 2) Height Error (Retracker 2), Backscatter	for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180617T010121_20180617T011040_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220180617T011325_20180617T013455_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
CS_OFFL_SIR_LRM_220180617T015059_20180617T020156_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_220180617T020344_20180617T020948_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_220180617T021134_20180617T021619_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
CS_OFFL_SIR_LRM_220180617T023817_20180617T031330_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_220180617T033235_20180617T040336_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_220180617T041645_20180617T043120_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
CS OFFL SIR LRM 2 20180617T043350 20180617T045304 C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180617T051018_20180617T052011_C001	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
CS_OFFL_SIR_LRM_220180617T052630_20180617T053859_C001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Height Error	for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220180617T060506_20180617T061620_C001	(Retracker 3), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter	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
CS_OFFL_SIR_LRM_220180617T065139_20180617T070307_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220180617T070335_20180617T071009_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_220180617T071252_20180617T071948_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_220180617T074859_20180617T081034_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_220180617T082555_20180617T085319_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_220180617T091514_20180617T091549_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_220180617T092635_20180617T095033_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
CS_OFFL_SIR_LRM_220180617T100534_20180617T101619_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_220180617T102157_20180617T103855_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_220180617T110627_20180617T110829_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_220180617T110950_20180617T111941_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_220180617T114527_20180617T121832_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
CS_OFFL_SIR_LRM_220180617T124913_20180617T130815_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_220180617T132415_20180617T140021_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180617T142218_20180617T142700_C001	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
CS_OFFL_SIR_LRM_220180617T145428_20180617T145643_C001	Error (Retracker 2) Surface Model Unavailable	records No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180617T150408_20180617T154018_C001	Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error	There is a height and backscatter error for Retracker 2 and a height error
	(Retracker 2) Height Error (Retracker 2), Backscatter	for Retracker 3 for one or more records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180617T155232_20180617T161123_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180617T161158_20180617T162506_C001	Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220180617T163354_20180617T163551_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180617T164306_20180617T165815_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_220180617T170017_20180617T170940_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
CS_OFFL_SIR_LRM_220180617T173158_20180617T173443_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_220180617T173528_20180617T174859_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
CS_OFFL_SIR_LRM_220180617T181216_20180617T181515_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180617T182240_20180617T183644_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
CS_OFFL_SIR_LRM_220180617T191517_20180617T192106_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_220180617T192350_20180617T194712_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_220180617T195026_20180617T195853_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records

CS\_OFFL\_SIR\_LRM\_2\_\_20180617T203638\_20180617T203712\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180617T205954\_20180617T210938\_C001 CS OFFL SIR LRM 2 20180617T214117 20180617T220714 C001 CS OFFL SIR LRM 2 20180617T221721 20180617T221804 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180617T223307\_20180617T224852\_C001 CS OFFL SIR LRM 2 20180617T225421 20180617T230438 C001 CS OFFL SIR LRM 2 20180617T233015 20180617T233425 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180617T235636\_20180617T235751\_C001 CS\_OFFL\_SIR\_SIN\_2\_20180616T235919\_20180617T000235\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T000756\_20180617T000915\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T013807\_20180617T014126\_C001 CS OFFL SIR SIN 2 20180617T014650 20180617T014815 C001 CS OFFL SIR SIN 2 20180617T022454 20180617T022534 C001 CS OFFL SIR SIN 2 20180617T022729 20180617T023031 C001 CS OFFL SIR SIN 2 20180617T031440 20180617T031633 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T032504\_20180617T032641\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T040356\_20180617T040510\_C001 CS OFFL SIR SIN 2 20180617T040830 20180617T040930 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T045345\_20180617T045525\_C001 CS OFFL SIR SIN 2 20180617T050105 20180617T050111 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T050240\_20180617T050450\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T054223\_20180617T054513\_C001 CS OFFL SIR SIN 2 20180617T054628 20180617T054844 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T063257\_20180617T063444\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T064003\_20180617T064008\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T064127\_20180617T064821\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T081246\_20180617T081522\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T081901\_20180617T081907\_C001 CS OFFL SIR SIN 2 20180617T082227 20180617T082427 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T095129\_20180617T095304\_C001 CS OFFL SIR SIN 2 20180617T100149 20180617T100316 C001 CS OFFL SIR SIN 2 20180617T113140 20180617T113303 C001 CS OFFL SIR SIN 2 20180617T113848 20180617T113913 C001 CS OFFL SIR SIN 2 20180617T114049 20180617T114203 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T131105\_20180617T131230\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T131741\_20180617T132045\_C001 CS OFFL SIR SIN 2 20180617T145129 20180617T145428 C001 CS OFFL SIR SIN 2 20180617T145643 20180617T150202 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T154743\_20180617T155200\_C001 CS\_OFFL\_SIR\_SIN\_2\_20180617T163551\_20180617T163723\_C001 CS\_OFFL\_SIR\_SIN\_2\_20180617T164054\_20180617T164227\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T172636\_20180617T172749\_C001 CS OFFL SIR SIN 2 20180617T172929 20180617T173026 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T173030\_20180617T173158\_C001 CS OFFL SIR SIN 2 20180617T180621 20180617T181216 C001 CS OFFL SIR SIN 2 20180617T181954 20180617T182139 C001 CS OFFL SIR SIN 2 20180617T190558 20180617T190820 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T194834\_20180617T195026\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T195853\_20180617T200054\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180617T203938\_20180617T203956\_C001 CS OFFL SIR SIN 2 20180617T212813 20180617T212951 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), 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) Height Error (Retracker 2), Backscatter Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2) SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error SARIn X-track Angle Error SARIn X-track Angle Error, Surface Model Unavailable SARIn X-track Angle Error

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 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 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 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 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 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

CS_OFFL_SIR_SIN_220180617T213113_20180617T213238_C001		An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180617T213654_20180617T213946_C001	SARIN X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180617T230804_20180617T231149_C001	ISARIN X-TRACK ANDIE ETFOR	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180617T231733_20180617T231847_C001	ISARIN X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180617T235812_20180617T235835_C001		An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used 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	153	153	153	0	0
SIR_LRM_2	151	151	151	0	0
SIR_LRMI2_	151	151	151	0	0
SIR_SAR_1B	105	105	105	0	0
SIR_SAR_2	104	104	104	0	0
SIR_SARI2_	104	104	104	0	0
SIR_SIN_1B	114	114	114	0	0
SIR_SIN_2	114	114	114	0	0
SIR_SINI2	114	114	114	0	0
SIR_GDR_2	15	15	15	0	0
CC Errors					

0

0

182

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: