

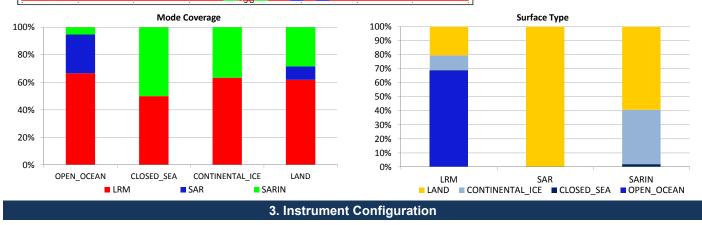
# IDEAS+ Daily Report for OFFLINE data:

26/07/2018

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1. Overview				
Report Production Date: 24-Aug-2	24 Aug 2018	Check	Status	
	24-Aug-2018	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	
Dete Hered	L1B and L2 OFFLINE Data	Product Format Check	Nominal	
Data Used:		Product Header Analysis	Nominal	
•		Star Tracker Usage Check	Nominal	
		L1B Calibration Usage Check	Nominal	
		L1B & L2 Auxiliary Data File Usage Check	Nominal	
		L1B & L2 Auxiliary Correction Error Check	Nominal	
		L1B & L2 Measurement Confidence Data Check	See Section 4.7 and 5.5	
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lission / Instrument News				
25-Jul-2018 None				
26-Jul-2018 None				
27-Jul-2018 Nothing planned				

27-Jul-2018 Nothing planned		
2. Global Coverage		
Global Coverage - North Pole Global Coverage - South Pole	ole	
Mode	Coverage (%)	
	LRM	21.2
-FMALLER IS I ASSA A A A A A A	SAR	13.8
	SARIn	0.0



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

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: 2

# Product Test Failed Description CS\_OFFL\_SIR\_LRM\_1B\_20180726T093838\_20180726T094436\_C001 Echo error, TRK echo error The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo CS\_OFFL\_SIR\_LRM\_1B\_20180726T185333\_20180726T185834\_C001 Echo error, TRK echo error 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: 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_220180726T001456_20180726T002459_C001		There is a height and backscatter error for Retracker 2 for one or more records

CS\_OFFL\_SIR\_LRM\_2\_\_20180726T002647\_20180726T003404\_C001 CS OFFL SIR LRM 2 20180726T003447 20180726T003920 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T004828\_20180726T004849\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T010120\_20180726T013639\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T015537\_20180726T020807\_C001 CS OFFL SIR LRM 2 20180726T020814 20180726T022547 C001 CS OFFL SIR LRM 2 20180726T023947 20180726T024556 C001 CS OFFL SIR LRM 2 20180726T024650 20180726T025855 C001 CS OFFL SIR LRM 2 20180726T030059 20180726T031551 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T033250\_20180726T034314\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T034933 20180726T040424 C001 CS OFFL SIR LRM 2 20180726T043635 20180726T043723 C001 CS OFFL SIR LRM 2 20180726T044058 20180726T045429 C001 CS OFFL SIR LRM 2 20180726T051042 20180726T054304 C001 CS OFFL SIR LRM 2 20180726T061056 20180726T063310 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T064912\_20180726T071501\_C001 CS OFFL SIR LRM 2 20180726T071504 20180726T071724 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T074902\_20180726T081315\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T082121\_20180726T082449\_C001 CS OFFL SIR LRM 2 20180726T084500 20180726T090235 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T091447\_20180726T092129\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T092758\_20180726T093504\_C001 CS OFFL SIR LRM 2 20180726T095611 20180726T100146 C001 CS OFFL SIR LRM 2 20180726T100908 20180726T104154 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T104204\_20180726T104441\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T105404\_20180726T105552\_C001 CS OFFL SIR LRM 2 20180726T111414 20180726T113018 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T113532\_20180726T114041\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T114733\_20180726T122315\_C001 CS OFFL SIR LRM 2 20180726T123318 20180726T123357 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T123411\_20180726T123501\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T124516\_20180726T124936\_C001 CS OFFL SIR LRM 2 20180726T125032 20180726T130811 C001 CS OFFL SIR LRM 2 20180726T131744 20180726T131944 C001 CS\_OFFL\_SIR\_LRM\_2\_20180726T132719\_20180726T134404\_C001 CS OFFL SIR LRM 2 20180726T134845 20180726T140312 C001 CS OFFL SIR LRM 2 20180726T141536 20180726T143334 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T143458\_20180726T144855\_C001 CS OFFL SIR LRM 2 20180726T150613 20180726T152113 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T152315\_20180726T153237\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T155516\_20180726T161138\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T163458\_20180726T164257\_C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T173723\_20180726T181000\_C001 CS OFFL SIR LRM 2 20180726T181332 20180726T181541 C001 CS OFFL SIR LRM 2 20180726T181608 20180726T182144 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T182559\_20180726T184930\_C001

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

No DEM or Slope Model was used for the location of 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 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T192104\_20180726T193239\_C001 CS OFFL SIR LRM 2 20180726T193816 20180726T194839 C001 CS OFFL SIR LRM 2 20180726T200445 20180726T203157 C001 CS OFFL SIR LRM 2 20180726T203553 20180726T204153 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T205520\_20180726T212653\_C001 CS OFFL SIR LRM 2 20180726T221917 20180726T222159 C001 CS OFFL SIR LRM 2 20180726T223404 20180726T230700 C001 CS\_OFFL\_SIR\_LRM\_2\_\_20180726T232415\_20180726T234049\_C001 CS\_OFFL\_SIR\_SIN\_2\_20180725T235958\_20180726T000414\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T000952\_20180726T001116\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T004924\_20180726T005328\_C001 CS OFFL SIR SIN 2 20180726T013745 20180726T013913 C001 CS OFFL SIR SIN 2 20180726T014736 20180726T014921 C001 CS OFFL SIR SIN 2 20180726T022547 20180726T022711 C001 CS OFFL SIR SIN 2 20180726T023130 20180726T023223 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T031650\_20180726T031832\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T032404\_20180726T032411\_C001 CS OFFL SIR SIN 2 20180726T032535 20180726T032755 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T040926\_20180726T041059\_C001 CS OFFL SIR SIN 2 20180726T041102 20180726T041137 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T045545\_20180726T045747\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T050303\_20180726T050308\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T050318\_20180726T050325\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T050432\_20180726T050907\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T055518\_20180726T055550\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T063558\_20180726T063830\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T064200\_20180726T064207\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T064216\_20180726T064222\_C001 CS OFFL SIR SIN 2 20180726T064551 20180726T064734 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T081442\_20180726T081612\_C001 CS OFFL SIR SIN 2 20180726T082114 20180726T082121 C001 CS OFFL SIR SIN 2 20180726T082449 20180726T082625 C001 CS OFFL SIR SIN 2 20180726T091330 20180726T091355 C001 CS OFFL SIR SIN 2 20180726T095455 20180726T095611 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T100146\_20180726T100504\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T105256\_20180726T105321\_C001 CS\_OFFL\_SIR\_SIN\_2\_20180726T105326\_20180726T105352\_C001 CS OFFL SIR SIN 2 20180726T113412 20180726T113532 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T114041\_20180726T114352\_C001 CS OFFL SIR SIN\_2\_\_20180726T131504\_20180726T131744\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T131945\_20180726T132515\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T141033\_20180726T141515\_C001 CS OFFL SIR SIN 2 20180726T145854 20180726T150001 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T150356\_20180726T150535\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T154937\_20180726T155010\_C001 CS OFFL SIR SIN 2 20180726T155013 20180726T155046 C001 CS OFFL SIR SIN 2 20180726T155156 20180726T155328 C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T161158\_20180726T162637\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T163232\_20180726T163457\_C001 CS\_OFFL\_SIR\_SIN\_2\_\_20180726T164258\_20180726T164446\_C001 CS OFFL SIR SIN 2 20180726T172854 20180726T173009 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). 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, Surface Model Unavailable SARIn X-track Angle Error, Surface Model Unavailabl 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 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, Surface Model Unavailab SARIn X-track Angle Error 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 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 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 ambigu ous 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 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 for one or more ecords 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 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 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

CS_OFFL_SIR_SIN_220180726T173013_20180726T173445_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_220180726T181143_20180726T181332_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180726T181541_20180726T181608_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180726T182144_20180726T182407_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180726T190227_20180726T190247_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_220180726T190343_20180726T190415_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_220180726T195112_20180726T195253_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180726T195401_20180726T195541_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180726T200018_20180726T200112_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180726T200137_20180726T200259_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180726T213118_20180726T213450_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180726T214024_20180726T214140_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180726T231033_20180726T231353_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180726T231907_20180726T232031_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	137	137	137	0	0
SIR_LRM_2	136	136	136	0	0
SIR_LRMI2_	136	136	136	0	0
SIR_SAR_1B	97	97	97	0	0
SIR_SAR_2	96	96	96	0	0
SIR_SARI2_	96	96	96	0	0
SIR_SIN_1B	106	106	106	0	0
SIR_SIN_2	106	106	106	0	0
SIR_SINI2	106	106	106	0	0
SIR_GDR_2	14	14	14	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:	197	