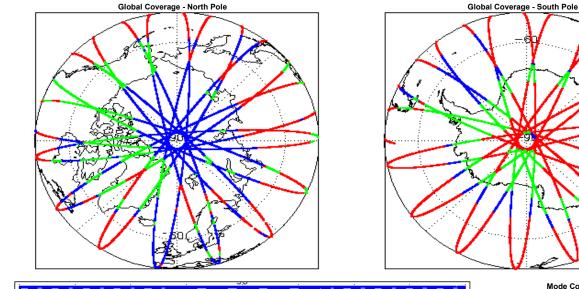


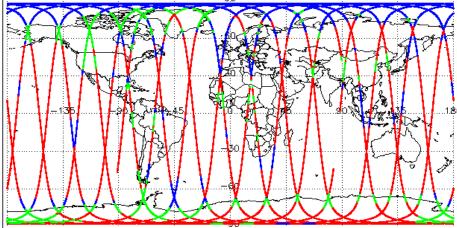
# IDEAS+ Daily Report for OFFLINE data:

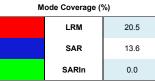
## <u>20/03/2018</u>

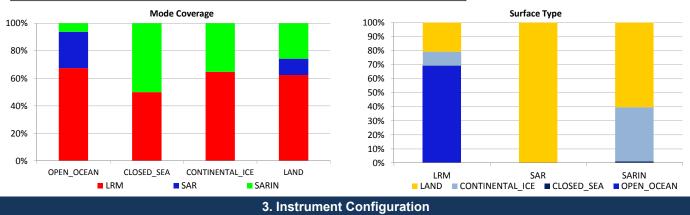
eport Production Date:	01-May-2018	Check	Status
Report Production Date.	01-Way-2018	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	Crucest les Presses	Server check: calval-pds.cryosat.esa.int	Nominal
Processor used.	CryoSat Ice Processor	Product Software Check	Nominal
Deta Usadi	L1B and L2 OFFLINE Data	Product Format Check	Nominal
Data Used:	LIB and L2 OFFLINE Data	Product Header Analysis	See Section 4.2 and 5.2
		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

19-Mar-2018 20-Mar-2018	
21-Mar-2018	Nothing planned
	2. Global Coverage









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 o	rder 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_20180320T031817_20180320T031818_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20180320T031821_20180320T031822_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 in proce	essing.
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 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-determine	ed baseline and also to check the validity of Auxiliary Data Files is correct.
Number of products with errors: 0	

## 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.

0

2

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:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20180320T113018_20180320T113712_C001	IECDO EFFOR LEK ECDO EFFOR	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_LRM_1B_20180320T230513_20180320T230542_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. Number of products with errors: 2

Product	Test Failed
CS_OFFL_SIR_SAR_220180320T031817_20180320T031818_C001	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_220180320T031821_20180320T031822_C001	Percentage of processing errors detected greater than minimum acceptable threshold.

### 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_220180320T001912_20180320T001924_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_220180320T002912_20180320T003239_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_220180320T003252_20180320T005619_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T010130_20180320T010630_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more record
S_OFFL_SIR_LRM_220180320T010914_20180320T013502_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_220180320T020759_20180320T021753_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T022331_20180320T023515_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T024824_20180320T031721_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T032453_20180320T032644_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
S_OFFL_SIR_LRM_220180320T033950_20180320T041435_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
S_OFFL_SIR_LRM_220180320T042653_20180320T043319_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T045740_20180320T045813_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T051934_20180320T052803_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T053048_20180320T055353_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T060552_20180320T061922_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 err for Retracker 3 for one or more records
S_OFFL_SIR_LRM_220180320T062110_20180320T062554_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T065818_20180320T073151_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T075002_20180320T082113_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T084116_20180320T084842_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T085323_20180320T085433_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T085436_20180320T091108_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T092757_20180320T094142_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T094357_20180320T095529_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T102324_20180320T103342_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 en for Retracker 3 for one or more records
S_OFFL_SIR_LRM_220180320T103522_20180320T105014_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T110943_20180320T111930_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T112229_20180320T112734_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 err for Retracker 3 for one or more records
S_OFFL_SIR_LRM_220180320T114014_20180320T114023_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
S_OFFL_SIR_LRM_220180320T120621_20180320T121100_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T122402_20180320T122926_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T124227_20180320T131129_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
S_OFFL_SIR_LRM_220180320T134300_20180320T140847_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T141547_20180320T141914_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more recom
S_OFFL_SIR_LRM_220180320T142149_20180320T143344_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T143923_20180320T145603_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T152441_20180320T153724_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
S_OFFL_SIR_LRM_220180320T154215_20180320T154849_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_220180320T155025_20180320T155614_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more record

CS_OFFL_SIR_LRM_220180320T155625_20180320T155816_C001
CS_OFFL_SIR_LRM_220180320T160108_20180320T163513_C001
CS_OFFL_SIR_LRM_220180320T164902_20180320T164956_C001
CS_OFFL_SIR_LRM_220180320T171113_20180320T172817_C001
CS_OFFL_SIR_LRM_220180320T174026_20180320T180322_C001
CS_OFFL_SIR_LRM_220180320T184559_20180320T190725_C001
CS_OFFL_SIR_LRM_220180320T191145_20180320T191408_C001
CS_OFFL_SIR_LRM_220180320T192056_20180320T195113_C001
CS_OFFL_SIR_LRM_220180320T200959_20180320T202903_C001
CS_OFFL_SIR_LRM_220180320T202920_20180320T204208_C001
CS_OFFL_SIR_LRM_220180320T205120_20180320T205316_C001
CS_OFFL_SIR_LRM_220180320T205949_20180320T211542_C001
CS_OFFL_SIR_LRM_220180320T211745_20180320T212726_C001
CS_OFFL_SIR_LRM_220180320T215424_20180320T220621_C001
CS_OFFL_SIR_LRM_220180320T222947_20180320T223237_C001
CS_OFFL_SIR_LRM_220180320T223908_20180320T225410_C001
CS_OFFL_SIR_LRM_220180320T234112_20180321T000529_C001
CS_OFFL_SIR_SIN_220180320T001410_20180320T001911_C001
CS_OFFL_SIR_SIN_220180320T005727_20180320T005846_C001
CS_OFFL_SIR_SIN_220180320T010045_20180320T010130_C001
CS_OFFL_SIR_SIN_220180320T010631_20180320T010901_C001
CS_0FFL_SIR_SIN_220180320T014713_20180320T014747_C001
CS_0FFL_SIR_SIN_220180320T023850_20180320T024052_C001
CS OFFL SIR SIN 2 20180320T041640 20180320T042000 C001
CS OFFL SIR SIN 2 20180320T055535 20180320T055855 C001
CS OFFL SIR SIN 2 20180320T064506 20180320T064755 C001
CS_OFFL_SIR_SIN_2201803201073204_201803201073403_C001
CS_OFFL_SIR_SIN_2201803201074243_201803201074415_C001
CS_OFFL_SIR_SIN_220180320T082142_20180320T082243_C001
CS_OFFL_SIR_SIN_220180320T082554_20180320T082655_C001
CS_OFFL_SIR_SIN_220180320T091109_20180320T091247_C001
CS_OFFL_SIR_SIN_220180320T091831_20180320T091835_C001
CS_OFFL_SIR_SIN_220180320T092008_20180320T092214_C001
CS_OFFL_SIR_SIN_220180320T100025_20180320T100200_C001
CS_OFFL_SIR_SIN_220180320T100354_20180320T100609_C001
CS_OFFL_SIR_SIN_220180320T105022_20180320T105208_C001
CS_OFFL_SIR_SIN_220180320T105744_20180320T105749_C001
CS_OFFL_SIR_SIN_220180320T105851_20180320T110546_C001
CS_OFFL_SIR_SIN_220180320T110716_20180320T110942_C001
CS_OFFL_SIR_SIN_220180320T122927_20180320T123243_C001
CS_OFFL_SIR_SIN_220180320T123627_20180320T123633_C001
CS_OFFL_SIR_SIN_220180320T123945_20180320T124149_C001
CS_OFFL_SIR_SIN_220180320T140848_20180320T141025_C001
CS_OFFL_SIR_SIN_220180320T141914_20180320T142039_C001
CS_OFFL_SIR_SIN_220180320T150741_20180320T150816_C001

Surface Model Unavailable	No
(Retracker 3) Backscatter Error	T٢
(Retracker 2)	fo
Error (Retracker 2)	Th re
	Th re
	Th re
Height Error (Retracker 2), Backscatter	T٢
. ,	re
Height Error (Retracker 2) Height Error	No
(Retracker 3), Backscatter Error	Th foi
(Retracker 2) Height Error (Retracker 2), Backscatter	T٢
Height Error (Retracker 2) Height Error	re
(Retracker 3) Backscatter Error	Th foi
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Height Error (Retracker 2), Height Error	T۲
(Retracker 3), Backscatter Error	fo
(Retracker 3) Backscatter Error	T٢
(Retracker 2)	fo
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Surface Model Unavailable	No
	Th re
Height Error (Retracker 2), Backscatter	T٢
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SARIN X-track Angle Error	Ar re
SARIN X-frack Angle Error	Ar re
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SARIn X-track Angle Error	re
SARIN X-frack Angle Error	Ar re
SARIN X-track Angle Error	Ar re
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SARIN X-frack Angle Error	Ar re
SARIn X-track Angle Error	Ar re
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Model Unavailable	M Ar
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SARIN X-frack Angle Error	Ar re
SARIn X-track Angle Error	Ar re
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SARIn X-track Angle Error, Surface	re Ar
	M

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
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 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
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
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
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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 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

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_220180320T154900_20180320T155025_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T155614_20180320T155625_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T155816_20180320T155929_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T172828_20180320T172954_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T173507_20180320T173809_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T190843_20180320T191144_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T191408_20180320T191924_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T200510_20180320T200912_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T204845_20180320T205119_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T205316_20180320T205459_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T205820_20180320T205948_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T214359_20180320T214513_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T214706_20180320T214942_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T222345_20180320T222946_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T223238_20180320T223249_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T223720_20180320T223903_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180320T232323_20180320T232542_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	162	162	162	0	0
SIR_LRMI2_	162	162	162	0	0
SIR_SAR_1B	112	112	112	0	0
SIR_SAR_2	112	112	112	0	0
SIR_SARI2_	112	112	112	0	0
SIR_SIN_1B	105	105	105	0	0
SIR_SIN_2	105	105	105	0	0
SIR_SINI2	105	105	105	0	0
SIR_GDR_2	14	14	14	0	0

Number of products with missing QCC reports:

187