



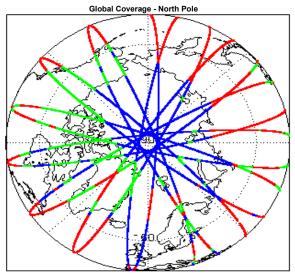
1. Overview

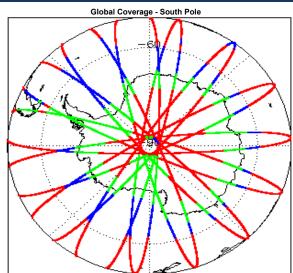
Report Production Date:	08-Aug-2018
Processor Used:	CryoSat Ice Processor
Data Used:	L1B and L2 OFFLINE Data

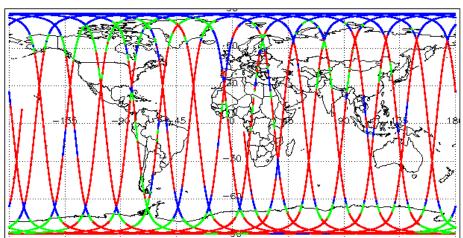
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File Usage Check	Nominal
L1B & L2 Auxiliary Correction Error Check	Nominal
L1B & L2 Measurement Confidence Data Check	See Section 4.7 and 5.5

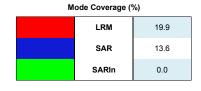
Ī	ission / Instrument News	
	07-Jul-2018	None
	08-Jul-2018	None
	09-Jul-2018	SIRAL unavailability on 09-Jul-2018 from 02:54:30 to 04:42:04 due to a planned orbit manoeuvre.

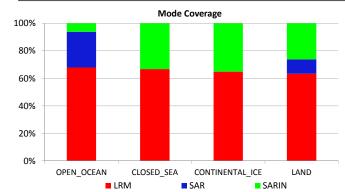
2. Global Coverage

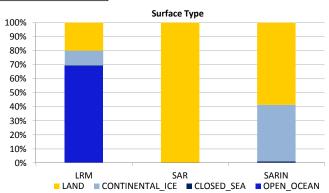












3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A
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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:

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:

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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.

umber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20180708T074110_20180708T074457_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_20180708T173031_20180708T173321_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:

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:

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.

Number of products with errors:

Test Falled GS_OFFL_SIR_RRM_2_201807087003508_201807087001950_001 Height Error (Retracker 2). Backscatter records in cerebral provided and provide
S_OFFL_SIR_LRM_2_20180708T003347_20180708T091528_C001 S_OFFL_SIR_LRM_2_20180708T010048_20180708T0910128_C001 S_OFFL_SIR_LRM_2_20180708T012307_20180708T015288_C001 S_OFFL_SIR_LRM_2_20180708T012307_20180708T015288_C001 S_OFFL_SIR_LRM_2_20180708T012307_20180708T015288_C001 S_OFFL_SIR_LRM_2_20180708T021734_20180708T024851_C001 S_OFFL_SIR_LRM_2_20180708T03137_20180708T034851_C001 S_OFFL_SIR_LRM_2_20180708T03137_20180708T03180_C001 S_OFFL_SIR_LRM_2_20180708T032155_20180708T033808_C001 S_OFFL_SIR_LRM_2_20180708T035541_20180708T034852_C001 S_OFFL_SIR_LRM_2_20180708T035541_20180708T034935_C001 S_OFFL_SIR_LRM_2_20180708T035541_20180708T042437_C001 S_OFFL_SIR_LRM_2_20180708T035828_20180708T054035_C001 S_OFFL_SIR_LRM_2_20180708T055016_20180708T054038_C001 S_OFFL_SIR_LRM_2_20180708T055016_20180708T055050_C001 S_OFFL_SIR_LRM_2_20180708T055016_20180708T056500_C001 S_OFFL_SIR_LRM_2_20180708T055016_20180708T065500_C001 S_OFFL_SIR_LRM_2_20180708T056322_20180708T065500_C001 S_OFFL_SIR_LRM_2_20180708T056322_20180708T065500_C001 S_OFFL_SIR_LRM_2_20180708T056322_20180708T0656500_C001 S_OFFL_SIR_LRM_2_20180708T065032_20180708T066500_C001 S_OFFL_SIR_LRM_2_20180708T065050_20180708T066500_C001 S_OFFL_SIR_LRM_2_20180708T056500_C001 S_OFFL_SIR_LRM_2_20180708T065050_C001 S_OFFL_SIR_LRM_2_20180708T0663352_20180708T066500_C001 S_OFFL_SIR_LRM_2_20180708T065050_C001 S_OFFL_SIR_LRM_2_20180708T063352_20180708T066500_C001 S_OF
Ello (Retacker 2). Backscatter CS_OFFL_SIR_LRM_2_20180708T010048_20180708T010126_C001 Height Error (Retracker 2). Height Error (Retracker 3). Backscatter Error (Retracker 3). Backscatter Error (Retracker 2). Beight Error (Retracker 3). Backscatter Error (Retracker 2). Ba
Error (Retracker 2) Error (Re
CS_OFFL_SIR_LRM_2_20180708T012307_20180708T015828_CO01 CS_OFFL_SIR_LRM_2_20180708T021734_20180708T024851_CO01 CS_OFFL_SIR_LRM_2_20180708T030137_20180708T031612_CO01 CS_OFFL_SIR_LRM_2_20180708T0303157_20180708T032155_CO01 CS_OFFL_SIR_LRM_2_20180708T0302155_20180708T033806_CO01 CS_OFFL_SIR_LRM_2_20180708T0303155_20180708T033806_CO01 CS_OFFL_SIR_LRM_2_20180708T0305541_20180708T030806_CO01 CS_OFFL_SIR_LRM_2_20180708T0305541_20180708T030806_CO01 CS_OFFL_SIR_LRM_2_20180708T0305541_20180708T040913_CO01 CS_OFFL_SIR_LRM_2_20180708T045052_CO01 CS_OFFL_SIR_LRM_2_20180708T045052_C0180708T040437_CO01 CS_OFFL_SIR_LRM_2_20180708T045052_C0180708T045655_CO01 CS_OFFL_SIR_LRM_2_20180708T045052_C0180708T055056_C001 CS_OFFL_SIR_LRM_2_20180708T05506_C010 CS_OFFL_SIR_LRM_2_20180708T05506_C001 CS_OFFL_SIR_LRM_2_20180708T05506_C010 CS_OFFL_SIR_LRM_2_20180708T063356_C010 CS_OFFL_SIR_LRM_2_20180708T063552_C010 CS_OFFL_SIR_LRM_2_20180708T063552_C010 CS_OFFL_SIR_LRM_2_20180708T063552_C010 CS_OFFL_SIR_LRM_2_20180708T063552_C010 CS_OFFL_SIR_LRM_2_20180708T063552_C010 CS_OFFL_SIR_LRM_2_20180708T063552_C010 CS_OFFL_SIR_LRM_2_20180708T063552_C010 CS_OFFL_SIR_LRM_2_20180708T063552_C010 CS_OFFL_SIR_LRM_2_20180708T063552_C010 C
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CS_OFFL_SIR_LRM_2_20180708T032053_20180708T032152_C001 Error (Retracker 2). Backscatter Error (Ret
records CS_OFFL_SIR_LRM_2_20180708T032155_20180708T033806_C001 CS_OFFL_SIR_LRM_2_20180708T032155_20180708T040913_C001 CS_OFFL_SIR_LRM_2_20180708T035541_20180708T040913_C001 CS_OFFL_SIR_LRM_2_20180708T041127_20180708T042437_C001 CS_OFFL_SIR_LRM_2_20180708T045052_20180708T042437_C001 CS_OFFL_SIR_LRM_2_20180708T045052_20180708T045855_C001 CS_OFFL_SIR_LRM_2_20180708T0505252_20180708T051700_C001 CS_OFFL_SIR_LRM_2_20180708T0505252_20180708T051700_C001 CS_OFFL_SIR_LRM_2_20180708T0505055_C001 CS_OFFL_SIR_LRM_2_20180708T055016_20180708T05505_C001 CS_OFFL_SIR_LRM_2_20180708T055016_20180708T05505_C001 CS_OFFL_SIR_LRM_2_20180708T055016_20180708T05505_C001 CS_OFFL_SIR_LRM_2_20180708T055016_20180708T05505_C001 CS_OFFL_SIR_LRM_2_20180708T055016_20180708T05505_C001 CS_OFFL_SIR_LRM_2_20180708T055016_20180708T05505_C001 CS_OFFL_SIR_LRM_2_20180708T055016_20180708T05505_C001 CS_OFFL_SIR_LRM_2_20180708T05505_C001 CS_OFFL_SIR_LRM_2_20180708T05505_C001 CS_OFFL_SIR_LRM_2_20180708T05505_C001 CS_OFFL_SIR_LRM_2_20180708T050355_20180708T068036_C001 CS_OFFL_SIR_LRM_2_20180708T075555_C001 CS_OFFL_SIR_LRM_2_20180708T075555_C001 CS_OFFL_SIR_LRM_2_20180708T05504_20180708T073859_C001 CS_OFFL_SIR_LRM_2_20180708T07595_20180708T0080041_C001 CS_OFFL_SIR_LRM_2_20180708T075955_0180708T0080041_C001 CS_OFFL_SIR_LRM_2_20180708T075955_0180708T0080041_C001 CS_OFFL_SIR_LRM_2_20180708T008T008T008503517_C001 CS_OFFL_SIR_LRM_2_20180708T008T008T008503517_C001 CS_OFFL_SIR_LRM_2_20180708T008T008T008503517_C001 CS_OFFL_SIR_LRM_2_20180708T008T008T008503517_C001 CS_OFFL_SIR_LRM_2_20180708T008T008T008503517_C001 CS_OFFL_SIR_LRM_2_20180708T008T008T008503517_C001 CS_OFFL_SIR_LRM_2_20180708T008T008503517_C001 CS_OFFL_SIR_LRM_2_20180708T008T008503517_C001 CS_OFFL_SIR_LRM_2_20180708T00803532_0180708T0083517_C001 CS_OFFL_SIR_LRM_2_20180708T00800352_0180708T0080041_C001 CS_OFFL_SIR_LRM_2_20180708T00800353_01800041_C001 CS_OFFL_SIR_LRM_2_20180708T00800353_01800041_C001 CS_OFFL_SIR_LRM_2_20180708T00800353_01800041_C001 CS_OFFL_SIR_LRM_
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CS_OFFL_SIR_LRM_2_z01807081103019_201807081110309_C001
CS_OFFL_SIR_LRM_2_20180708T111622_20180708T111725_C001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or m records
CS_OFFL_SIR_LRM_2_20180708T113828_20180708T115318_C001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3 for one or more records
(Retracker 2)
CS_OFFL_SIR_LRM_2_20180708T115724_20180708T120238_C001 Surface Model Unavailable No DEM or Slope Model was used for the location of one or more re
CS_OFFL_SIR_LRM_2_20180708T120919_20180708T123053_C001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or m records
CS_OFFL_SIR_LRM_2_20180708T123338_20180708T124408_C001 Height Error (Retracker 2), Backscatter Fror (Retracker 2) Fror (Retrack
CS_OFFL_SIR_LRM_2_20180708T125442_20180708T125732_C001 Height Error (Retracker 2), Backscatter Error (Retracker 2) There is a height and backscatter error for Retracker 2 for one or m records
CS_OFFL_SIR_LRM_2_20180708T131338_20180708T131944_C001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or m
Height Error (Patracker 2) Backscatter There is a height and backscatter error for Patracker 2 for one or m
CS_OFFL_SIR_LRM_2201807081132131_201807081133202_C001
CS_OFFL_SIR_LRM_2_20180708T133908_20180708T134139_C001 Surface Model Unavailable No DEM or Slope Model was used for the location of one or more re-
CS_OFFL_SIR_LRM_2_20180708T134900_20180708T142515_C001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (R
(Retracker 2) Height Error (Retracker 2) Height Error
CS_OFFL_SIR_LRM_2_20180708T143719_20180708T150919_C001 (Retracker 3), Backscatter Error (Retracker 2) (Retracker 2) (Retracker 2) (Retracker 2) (Retracker 2) (Retracker 3), Backscatter Error (Retrac
CS_OFFL_SIR_LRM_2_20180708T151851_20180708T152046_C001 Surface Model Unavailable No DEM or Slope Model was used for the location of one or more re
Height Error (Retracker 2) Backscatter There is a height and backscatter error for Retracker 2 for one or m
CS_OFFL_SIR_LRWI_2201807081132807_201807081134314_C001
CS_OFFL_SIR_LRM_2_20180708T154517_20180708T155546_C001 (Retracker 3), Backscatter Error for Retracker 2 and a neight
(Retracker 2) Height Error (Retracker 2), Height Error There is a height and backscatter error for Retracker 2, and a height
CS_OFFL_SIR_LRM_2_20180708T161734_20180708T163352_C001 (Retracker 3), Backscatter Error (Retracker 2) (Retracker 2) (Retracker 2) (Retracker 2)
CS_OFFL_SIR_LRM_2_20180708T165722_20180708T170006_C001 Surface Model Unavailable No DEM or Slope Model was used for the location of one or more re-
CS_OFFL_SIR_LRM_2_20180708T170738_20180708T172140_C001 Height Error (Retracker 2), Backscatter There is a height and backscatter error for Retracker 2 for one or m
Height From (Retracker 2) Backscatter There is a height and backscatter error for Retracker 2 for one or m
Error (Retracker 2) records Height Error (Retracker 2) Recreater There is a height and backgrafter error for Petracker 2 for one or m
CS_OFFL_SIR_LRM_2z01807081180019_201807081180598_C001
Height Error (Retracker 2), Height Error CS_OFFL_SIR_LRM_2_20180708T180842_20180708T183203_C001 Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error There is a height and backscatter error for Retracker 2 and a height for Patracker 3 for one or more records.
(Retracker 2)
CS_OFFL_SIR_LRM_2_20180708T183518_20180708T184358_C001 Surface Model Unavailable No DEM or Slope Model was used for the location of one or more re-

	Height Error (Retracker 2), Height Error	
CS_OFFL_SIR_LRM_220180708T184711_20180708T191125_C001	(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_220180708T192133_20180708T192215_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_2_20180708T194402_20180708T201059_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_2_20180708T202610_20180708T205135_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_2_20180708T210242_20180708T210302_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_2_20180708T211835_20180708T213346_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 2 20180708T213919 20180708T214935 C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20180708T221420_20180708T222101_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20180708T224139_20180708T224241_C001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220180708T225525_20180708T232855_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter Error (Retracker 2)	records There is a height and backscatter error for Retracker 2 for one or more records
CS_OFFL_SIR_LRM_2_20180708T234628_20180709T000212_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_SIN_2_20180708T002257_20180708T002617_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180708T003137_20180708T003300_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180708T011247_20180708T011525_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180708T015948_20180708T020145_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T021028_20180708T021154_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T024917_20180708T025021_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T025323_20180708T025426_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180708T033838_20180708T034015_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180708T034602_20180708T034605_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180708T034742_20180708T034944_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T043125_20180708T043341_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_2_20180708T051752_20180708T051939_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180708T052516_20180708T052519_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T052621_20180708T053315_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T065658_20180708T070011_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_2_20180708T070704_20180708T070917_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T083623_20180708T083753_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T084312_20180708T084318_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T084645_20180708T084808_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T093513_20180708T093548_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_220180708T101628_20180708T101753_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T102549_20180708T102701_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T115558_20180708T115724_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T120238_20180708T120540_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T133603_20180708T133908_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T134139_20180708T134652_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T143243_20180708T143634_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T151616_20180708T151850_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T152046_20180708T152243_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T152551_20180708T152715_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T161129_20180708T161245_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T161451_20180708T161734_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T165115_20180708T165722_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T170006_20180708T170022_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T170451_20180708T170633_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T175056_20180708T175311_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T175400_20180708T175628_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_220180708T183335_20180708T183517_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T184358_20180708T184540_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T193020_20180708T193504_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_2_20180708T201312_20180708T201445_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T201617_20180708T201732_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T202153_20180708T202434_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T215255_20180708T215645_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T220232_20180708T220352_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T224329_20180708T224414_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_220180708T233235_20180708T233550_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180708T234103_20180708T234221_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	133	133	133	0	0
SIR_LRM_2	133	133	133	0	0
SIR_LRMI2_	133	133	133	0	0
SIR_SAR_1B	103	103	103	0	0
SIR_SAR_2	103	103	103	0	0
SIR_SARI2_	103	103	103	0	0
SIR_SIN_1B	104	104	104	0	0
SIR_SIN_2	104	104	104	0	0
SIR_SINI2	104	104	104	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:

182