



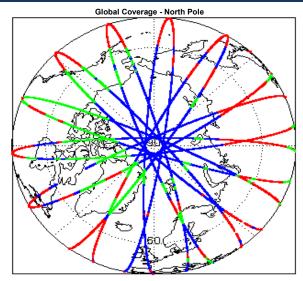
# 1. Overview

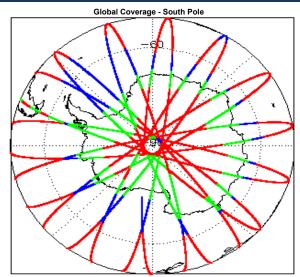
Report Production Date:	21-Jun-2017		
Processor Used:	CryoSat Ice Processor		
Data Used:	L1B and L2 OFFLINE Data		

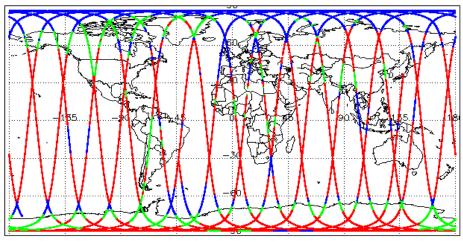
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Star Tracker Usage Check	Nominal
L1B Calibration Usage Check	Nominal
L1B & L2 Auxiliary Data File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

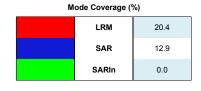
Mission / Instrument News		
21-May-2017	None	
22-May-2017	None	
23-May-2017	Nothing planned	

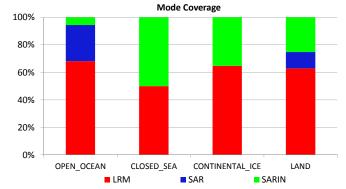
# 2. Global Coverage

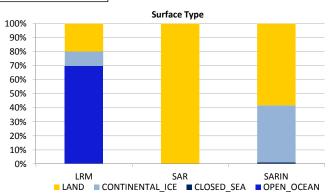












# 3. Instrument Configuration

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

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

## 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: 0

#### 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:

# 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.

lumber of products with errors:

#### 5. Level 2 Data Quality Check

## 5.1 L2 Product Format Check

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

Number of products with errors:

#### 5.2 L2 Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.

Number of products with errors:

## 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:

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220170521T235504_20170522T001000_C001		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

	Height Error (Betracker 2) Backgootter	There is a height and healgeaster error for Datracker 2 for one or more
CS_OFFL_SIR_LRM_220170522T004329_20170522T005338_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_220170522T005958_20170522T011232_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_220170522T013301_20170522T014550_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_220170522T014701_20170522T014943_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_220170522T015123_20170522T020539_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_220170522T022004_20170522T024334_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_220170522T024453_20170522T025323_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_220170522T032242_20170522T034437_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_220170522T035908_20170522T042733_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_220170522T045822_20170522T052438_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_220170522T055525_20170522T061241_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_220170522T063510_20170522T064424_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_220170522T070633_20170522T071212_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170522T071827_20170522T075208_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 for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220170522T080508_20170522T080606_C001	(Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2_20170522T081241_20170522T081314_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_2_20170522T082441_20170522T084255_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_220170522T085722_20170522T093130_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 2 20170522T095540 20170522T100009 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_220170522T100057_20170522T101833_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_220170522T102802_20170522T103009_C001	Error (Retracker 2)  Surface Model Unavailable	records  No DEM or Slope Model was used for the location of one or more records
00_011	Height Error (Retracker 2), Height Error	There is a height and backscatter error for Retracker 2 and a height error
CS_OFFL_SIR_LRM_220170522T103725_20170522T110748_C001	(Retracker 3), Backscatter Error (Retracker 2)	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_220170522T112607_20170522T114422_C001	Height Error (Retracker 2), Backscatter Error (Retracker 2)	records
CS_OFFL_SIR_LRM_220170522T114522_20170522T115856_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_220170522T120719_20170522T120918_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170522T121617_20170522T123140_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_220170522T123342_20170522T124304_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_220170522T130524_20170522T130719_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_220170522T130937_20170522T132222_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_220170522T135559_20170522T141044_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_220170522T144841_20170522T152053_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_220170522T152355_20170522T152608_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220170522T152622_20170522T153213_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_2_20170522T153548_20170522T160027_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_220170522T163230_20170522T164302_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 for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220170522T171412_20170522T174017_C001	(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_220170522T180606_20170522T183831_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 for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_2_20170522T192951_20170522T193114_C001	(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_220170522T194434_20170522T201758_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 for Retracker 3 for one or more records
CS_OFFL_SIR_LRM_220170522T203239_20170522T205117_C001	(Retracker 2) Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_22017052212305_201705221215630_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_2201705221220435_201705221220836_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_2201705221220435_201705221220305_0001	Height Error (Retracker 2), Backscatter	There is a height and backscatter error for Retracker 2 for one or more
CS_OFFL_SIR_LRM_2201705221221249_201705221223917_C001  CS_OFFL_SIR_LRM_2201705221223937_201705221224657_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_2201705221223937_201705221224657_C001  CS_OFFL_SIR_LRM_2201705221230252_201705221231352_C001	Error (Retracker 2) Height Error (Retracker 2), Backscatter	records There is a height and backscatter error for Retracker 2 for one or more
00_0;   L_0  \_L\\\\\_z20   0322  230232_20  0322  23  332_000	Error (Retracker 2)	records

CS_OFFL_SIR_LRM_2_20170522T231834_20170522T232008_C001  Height Error (Retracker 2), Backscatter Error (Retracker 2)  Height Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 2)  Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 3), Backscatter Error (Retracker 3), Height Error (Retracker 3), Backscatter Error (Retracker 3), Height Error (Retracker 3), Backscatter Error (Retracker 3), Height Error (Retracker 3), Heigh	or more
CS_OFFL_SIR_LRM_2_20170522T232012_20170522T233600_C001 (Retracker 3), Backscatter Error for Retracker 2 and a region and packscatter error for Retracker 2 and a region and packscatter error for Retracker 3 for one or more records	
(Retracker 2)	
CS_OFFL_SIR_SIN_2_20170522T002712_20170522T002854_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T003430_20170522T003437_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T003603_20170522T003818_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	nore
CS_OFFL_SIR_SIN_2_20170522T011952_20170522T012205_C001  SARIn X-track Angle Error, Surface Model Unavailable  An ambiguous angle was detected for SARIn mode and no DE Model was used for one or more records	M or Slope
CS_OFFL_SIR_SIN_2_20170522T020619_20170522T020809_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	more
CS_OFFL_SIR_SIN_2_20170522T021344_20170522T021351_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	nore
CS_OFFL_SIR_SIN_2_20170522T021456_20170522T021943_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	nore
CS_OFFL_SIR_SIN_2_20170522T034619_20170522T034851_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	nore
CS_OFFL_SIR_SIN_2_20170522T035226_20170522T035233_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	nore
CS_OFFL_SIR_SIN_2_20170522T035608_20170522T035800_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	nore
CS_OFFL_SIR_SIN_2_20170522T052501_20170522T052634_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	nore
CS_OFFL_SIR_SIN_2_20170522T053140_20170522T053146_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	nore
CS_OFFL_SIR_SIN_2_20170522T053515_20170522T053647_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T070518_20170522T070632_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T071212_20170522T071317_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T071414_20170522T071529_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T084431_20170522T084556_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	nore
CS_OFFL_SIR_SIN_2_20170522T102512_20170522T102801_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	nore
CS_OFFL_SIR_SIN_2_20170522T103009_20170522T103534_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	nore
CS_OFFL_SIR_SIN_2_20170522T112102_20170522T112526_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	nore
CS_OFFL_SIR_SIN_2_20170522T120443_20170522T120719_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	nore
CS_OFFL_SIR_SIN_2_20170522T120918_20170522T121035_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T121420_20170522T121601_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T130000_20170522T130111_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T130235_20170522T130446_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T134155_20170522T134533_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T135322_20170522T135508_C001  SARIn X-track Angle Error records  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T143920_20170522T144144_C001  SARIn X-track Angle Error, Surface Model Unavailable  An ambiguous angle was detected for SARIn mode and no DE Model was used for one or more records	·
CS_OFFL_SIR_SIN_2_20170522T144153_20170522T144358_C001  SARIn X-track Angle Error, Surface Model Unavailable  An ambiguous angle was detected for SARIn mode and no DE Model was used for one or more records	·
CS_OFFL_SIR_SIN_2_20170522T152204_20170522T152354_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or or records	
CS_OFFL_SIR_SIN_2_20170522T152608_20170522T152621_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T153214_20170522T153434_C001  SARIN X-track Angle Error  SARIN X-track Angle Error  records	
CS_OFFL_SIR_SIN_2_20170522T161413_20170522T161444_C001  SARIn X-track Angle Error, Surface Model Unavailable  An ambiguous angle was detected for SARIn mode and no DE Model was used for one or more records	
CS_OFFL_SIR_SIN_2_20170522T170138_20170522T170317_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T170433_20170522T170604_C001  SARIn X-track Angle Error  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T171028_20170522T171317_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or in records records a contract of the contract of	
CS_OFFL_SIR_SIN_2_20170522T184136_20170522T184515_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T185054_20170522T185208_C001  SARIn X-track Angle Error	
CS_OFFL_SIR_SIN_2_20170522T193153_20170522T193236_C001  SARIn X-track Angle Error, Surface Model Unavailable  An ambiguous angle was detected for SARIn mode and no DE Model Was used for one or more records	
CS_OFFL_SIR_SIN_2_20170522T202100_20170522T202419_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T202931_20170522T203057_C001  SARIn X-track Angle Error  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or or necessary and the saling production of the control of the co	
CS_OFFL_SIR_SIN_2_20170522T211148_20170522T211253_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or record.	
CS_OFFL_SIR_SIN_2_20170522T215813_20170522T220153_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or in record.  An ambiguous angle was detected for SARIn mode for one or in record.  An ambiguous angle was detected for SARIn mode for one or in record.	
CS_OFFL_SIR_SIN_2_20170522T220836_20170522T220944_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T224735_20170522T224901_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records records.  An ambiguous angle was detected for SARIn mode for one or records.	
CS_OFFL_SIR_SIN_2_20170522T225058_20170522T225211_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or record.  An ambiguous angle was detected for SARIn mode for one or record.	
CS_OFFL_SIR_SIN_2_20170522T233619_20170522T233757_C001  SARIn X-track Angle Error  An ambiguous angle was detected for SARIn mode for one or records  An ambiguous angle was detected for SARIn mode for one or records	
CS_OFFL_SIR_SIN_2_20170522T234540_20170522T234727_C001  SARIn X-track Angle Error  SARIn X-track Angle Error  records	

# 6. QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR_LRM_1B	139	139	139	0	0
SIR_LRM_2	139	139	139	0	0
SIR_LRMI2_	139	139	139	0	0
SIR_SAR_1B	107	107	107	0	0
SIR_SAR_2	107	107	107	0	0
SIR_SARI2_	107	107	107	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

# 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:

196