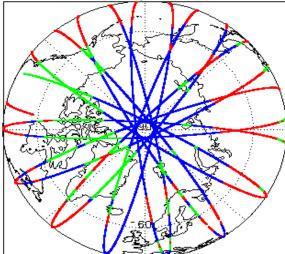
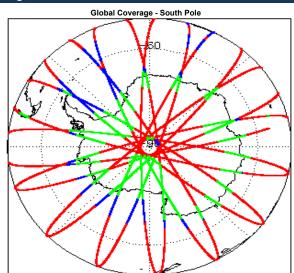


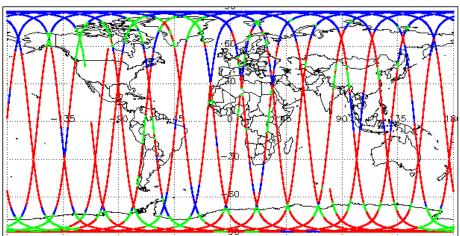
IDEAS+ Daily Report for OFFLINE data:

<u>07/04/2018</u>

		Check	Status	
Report Production Date:	04-May-2018	Server check: science-pds.cryosat.esa.int	Nominal	
Deserves and leads	On a Oat las Drassas	Server check: calval-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ice Processor	Product Software Check	Nominal	
Data Used:	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	
None 06-Apr-2018 None 07-Apr-2018 None				
08-Apr-2018 Nothing planned				
		2. Global Coverage		
	Global Coverage - North Pole	Global Cove	rage - South Pole	
	Global Coverage - North Pole	Global Cover	Fage - South Pole	

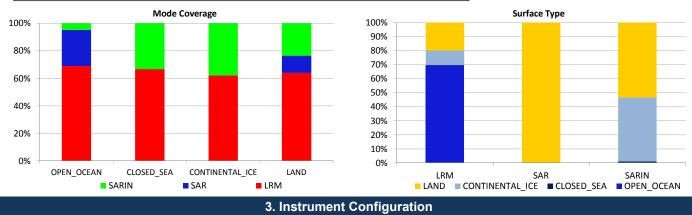






Mode Coverage	(%)
---------------	-----

LRM	20.5
SAR	12.5
SARIn	0.0



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

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: 6

Product	Test Failed
CS_OFFL_SIR_SAR_1B_20180407T143631_20180407T143633_C001.DBL	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20180407T143642_20180407T143643_C001.DBL	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20180407T081509_20180407T081510_C001.DBL	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20180407T031549_20180407T031550_C001.DBL	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20180407T143647_20180407T143648_C001.DBL	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_1B_20180407T193010_20180407T193011_C001.DBL	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 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

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:

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

Product	Test Failed
CS_OFFL_SIR_SAR_220180407T193010_20180407T193011_C001.DBL	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_220180407T143647_20180407T143648_C001.DBL	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_220180407T143642_20180407T143643_C001.DBL	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_220180407T143631_20180407T143633_C001.DBL	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OFFL_SIR_SAR_220180407T031549_20180407T031550_C001.DBL	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.

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:
0

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: 106

Product	Test Failed	Description
CS_OFFL_SIR_LRM_220180407T000959_20180407T003430_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_220180407T004703_20180407T012244_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_220180407T014113_20180407T015553_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_220180407T020128_20180407T021328_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_220180407T022608_20180407T025200_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_220180407T030349_20180407T030439_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_220180407T031717_20180407T035227_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_220180407T040450_20180407T040758_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_220180407T041425_20180407T042142_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_220180407T045717_20180407T050602_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_220180407T050847_20180407T053123_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_220180407T054356_20180407T055723_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_220180407T055911_20180407T060628_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_220180407T060724_20180407T061129_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_220180407T063742_20180407T070959_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_220180407T071717_20180407T071950_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180407T072801_20180407T074031_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_220180407T074056_20180407T075809_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_220180407T081941_20180407T083120_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_220180407T083324_20180407T084913_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_220180407T090503_20180407T091302_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_220180407T092156_20180407T093310_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_220180407T104123_20180407T110432_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_220180407T110435_20180407T111542_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_220180407T114310_20180407T120425_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_220180407T120431_20180407T120746_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_220180407T121445_20180407T121812_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180407T122034_20180407T123933_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_220180407T131901_20180407T134708_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_220180407T141725_20180407T143511_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_220180407T145948_20180407T150125_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_220180407T152835_20180407T153407_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180407T153916_20180407T161329_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_220180407T163720_20180407T164012_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_220180407T164628_20180407T170610_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_220180407T170754_20180407T171303_C001	Surface Model Unavailable	No DEM or Slope Model was used for the location of one or more records
CS_OFFL_SIR_LRM_220180407T171820_20180407T175254_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_220180407T181740_20180407T182216_C001	Height Error (Retracker 2), Backscatte Error (Retracker 2)
CS_OFFL_SIR_LRM_220180407T182256_20180407T184036_C001	Height Error (Retracker 2), Height Erro (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220180407T185010_20180407T185207_C001	Surface Model Unavailable
CS_OFFL_SIR_LRM_220180407T185852_20180407T191628_C001	Height Error (Retracker 2), Height Erro (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220180407T192109_20180407T192826_C001	Height Error (Retracker 2), Backscatte Error (Retracker 2)
CS_OFFL_SIR_LRM_220180407T194820_20180407T200542_C001	Height Error (Retracker 2), Backscatte
CS OFFL SIR LRM 2 20180407T200722 20180407T202132 C001	Error (Retracker 2) Height Error (Retracker 2), Backscatte
CS_OFFL_SIR_LRM_220180407T203757_20180407T205335_C001	Error (Retracker 2) Height Error (Retracker 2), Height Error (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220180407T205536_20180407T210212_C001	Height Error (Retracker 2), Height Erro (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220180407T210214_20180407T210459_C001	Height Error (Retracker 2), Backscatte Error (Retracker 2)
CS_OFFL_SIR_LRM_220180407T213259_20180407T214401_C001	Height Error (Retracker 2), Height Erro (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220180407T215006_20180407T215731_C001	Height Error (Retracker 2), Height Erro (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220180407T215934_20180407T220426_C001	Height Error (Retracker 2), Height Erro (Retracker 3), Backscatter Error (Retracker 2)
CS_OFFL_SIR_LRM_220180407T220715_20180407T221521_C001	Surface Model Unavailable
CS_OFFL_SIR_LRM_220180407T221712_20180407T223256_C001	Height Error (Retracker 2), Backscatte Error (Retracker 2)
CS_OFFL_SIR_LRM_220180407T230929_20180407T234324_C001	Height Error (Retracker 2), Backscatte Error (Retracker 2)
CS_OFFL_SIR_LRM_220180407T234834_20180407T235404_C001	Surface Model Unavailable
CS_OFFL_SIR_SIN_220180407T003523_20180407T003651_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T003832_20180407T003938_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T004404_20180407T004632_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T021500_20180407T021853_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T022443_20180407T022608_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T030526_20180407T030623_C001	SARIn X-track Angle Error, Surface Model Unavailable
CS_OFFL_SIR_SIN_220180407T035445_20180407T035758_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T040314_20180407T040426_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T053210_20180407T053632_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T054215_20180407T054336_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T062142_20180407T062551_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T071008_20180407T071129_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T071950_20180407T072138_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T075817_20180407T075941_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T080111_20180407T080158_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T080354_20180407T080453_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T084913_20180407T085056_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T085626_20180407T085633_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T085755_20180407T090019_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T090326_20180407T090420_C001	Height Error (Retracker 1)
CS_OFFL_SIR_SIN_220180407T093812_20180407T094106_C001	SARIn X-track Angle Error, Surface Model Unavailable
CS_OFFL_SIR_SIN_220180407T094148_20180407T094359_C001	SARIn X-track Angle Error, Surface Model Unavailable
CS_OFFL_SIR_SIN_220180407T102800_20180407T103016_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T103525_20180407T103531_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T103657_20180407T104123_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T120817_20180407T121050_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T121422_20180407T121429_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T121439_20180407T121445_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T121812_20180407T121955_C001	SARIn X-track Angle Error
CS_OFFL_SIR_SIN_220180407T134708_20180407T134837_C001	SARIn X-track Angle Error

atter	There is a height and backscatter error for Retracker 2 for one or more records
Fror	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
rror	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
atter	There is a height and backscatter error for Retracker 2 for one or more records
atter	There is a height and backscatter error for Retracker 2 for one or more records
atter	There is a height and backscatter error for Retracker 2 for one or more records
Frror	There is a height and backscatter error for Retracker 2 and a height error
Frror	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
atter	There is a height and backscatter error for Retracker 2 for one or more records
rror	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Frror	There is a height and backscatter error for Retracker 2 and a height error for Retracker 3 for one or more records
Fror	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
atter	There is a height and backscatter error for Retracker 2 for one or more records
atter	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
	An ambiguous angle was detected for SARIn mode for one or more records
	An ambiguous angle was detected for SARIn mode for one or more records
	An ambiguous angle was detected for SARIn mode for one or more records
	An ambiguous angle was detected for SARIn mode for one or more records
	An ambiguous angle was detected for SARIn mode for one or more records
	An ambiguous angle was detected for SARIn mode and no DEM or Slope Model was used for one or more records
	An ambiguous angle was detected for SARIn mode for one or more
	records An ambiguous angle was detected for SARIn mode for one or more
	records An ambiguous angle was detected for SARIn mode for one or more
	records An ambiguous angle was detected for SARIn mode for one or more
	records An ambiguous angle was detected for SARIn mode for one or more
	records An ambiguous angle was detected for SARIn mode for one or more
	records An ambiguous angle was detected for SARIn mode for one or more
	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
	There is a height error for Retracker 1 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
	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

CS_OFFL_SIR_SIN_220180407T135336_20180407T135343_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T135711_20180407T135849_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T144553_20180407T144617_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_220180407T152717_20180407T152835_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T153407_20180407T153725_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T162519_20180407T162609_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_220180407T170638_20180407T170754_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T171303_20180407T171617_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T184735_20180407T185010_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T185207_20180407T185743_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T194255_20180407T194757_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T202626_20180407T202913_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T203117_20180407T203217_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T203619_20180407T203757_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T212202_20180407T212310_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T212410_20180407T212521_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T220501_20180407T220714_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T221521_20180407T221709_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T230117_20180407T230710_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_220180407T234408_20180407T234556_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T234802_20180407T234834_C001	SARIn X-track Angle Error	An ambiguous angle was detected for SARIn mode for one or more records
CS_OFFL_SIR_SIN_220180407T235404_20180407T235631_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	153	153	153	0	0
SIR_LRM_2	151	151	151	0	0
SIR_LRMI2_	151	151	151	0	0
SIR_SAR_1B	111	111	111	0	0
SIR_SAR_2	110	110	110	0	0
SIR_SARI2_	110	110	110	0	0
SIR_SIN_1B	100	100	100	0	0
SIR_SIN_2	100	100	100	0	0
SIR_SINI2	100	100	100	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:	175