



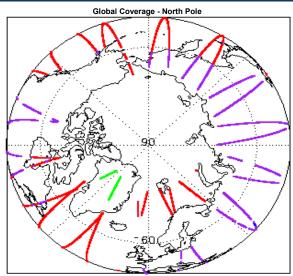
1. Overview

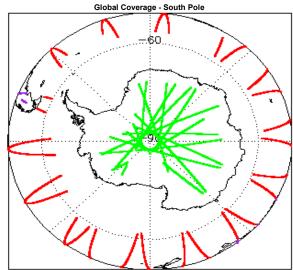
Report Production Date:	13-Oct-2017	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1 and L2 Fast Delivery Marine (FDM)	

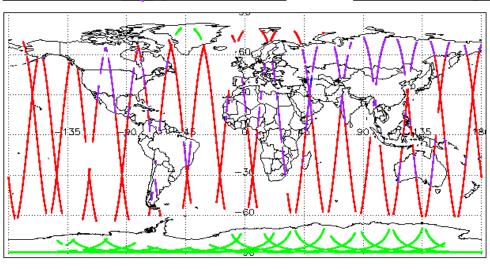
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File Usage Check	See Section 5.5 and 6.3
Auxiliary Correction Error Check	See Section 5.6 and 6.4
Measurement Confidence Data Check	See Section 5.7, 6.5, 6.6, 6.7 and 6.8

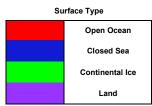
Mission / Instru	ment News
11-Oct-2017	None
12-Oct-2017	None
13-Oct-2017	Nothing planned

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
Star Tracker(s) in use:	Star Tracker 1 & 2

4. Level 0 Data Quality Check

4.1 L0 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 binary product file (.DBL).

4.2 L0 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 processing chain.

Number of products with errors:

Product	Test Failed
CS_OPER_SIR1SAR_020171012T232141_20171012T232554_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20171012T154901_20171012T155619_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20171012T204520_20171012T205400_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20171012T223008_20171012T223112_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20171012T172815_20171012T173534_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020171012T163215_20171012T163311_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20171012T175542_20171012T175726_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171012T100723_20171012T101010_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171012T200034_20171012T200344_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020171012T190443_20171012T190658_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020171012T100723_20171012T100854_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020171012T203928_20171012T204050_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.

5. Level 1B FDM Data Quality Check

5.1 L1B FDM 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 binary product file (.DBL).

Number of products with errors:

5.2 L1B FDM 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 L1B FDM 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:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20171012T090553_20171012T090641_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20171012T121946_20171012T122111_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20171012T153631_20171012T154404_C001	No Star Tracker file used in the processing of this product

5.4 L1B FDM Calibration Usage Check

Each product is checked in order to ensure the necessary calibration files have been used in processing.

Number of products with errors:

5.5 L1B FDM 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: 7

Product	AUX File	Comment
All FDM_1B up to 20171012T122111 (74 products)	CS_OPER_AUXIIONGIM_20171012T000000_20 171012T235959_0001	Forecast Auxiliary File missing at the time of processing

5.6 L1B FDM 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: 74

Product	Test Failed	Description
All FDM_1B up to 20171012T122111 (74 products)		Due to a missing Forecast Auxiliary File there is an error with the Ionospheric Correction

5.7 L1B FDM 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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20171012T090553_20171012T090641_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20171012T121946_20171012T122111_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20171012T153631_20171012T154404_C001	Attitude correction missing	The attitude has not been corrected

6. Level 2 FDM Data Quality Check

6.1 L2 FDM 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 binary product file (.DBL).

6.2 L2 FDM 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:

6.3 L2 FDM 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:

Product	AUX File	Comment
All FDM_2 up to 20171012T122111 (74 products)	CS_OPER_AUXIIONGIM_20171012T000000_20 171012T235959_0001	Forecast Auxiliary File missing at the time of processing

6.4 L2 FDM Auxiliary Correction Error Check

Each product is checked to detect auxiliary corrections flagged by the ground-station processing chain as missing or containing errors.

74

Number of products with errors:

ALE FORD 2	Product	Test Failed	Description
Sc. OFFL. SIR. FOM. 2. 2017/10/127019439, 2017/10/12703939, CO10 See State Blass Correction. Alteredic Vivi Speed and Sea State Blas Correction. Alteredic Vivi Speed and Sea	All FDM_2 up to 20171012T122111 (74 products)	·	
Nived Speed Oc. OFFL, SIR, FDM. 2. 2017/10/12/03/59, 2017/10/27/03/59, 2017/03/27/0	CS_OFFL_SIR_FDM_220171012T005101_20171012T005205_C001	Wind Speed	Correction for one or more records
Very Speed OFFL, SIR, FDM, 2_00171012T03549, 20171012T035554, 2001 So, OFFL, SIR, FDM, 2_00171012T03549, 20171012T035559, 2001 OS, OFFL, SIR, FDM, 2_00171012T03519, 20171012T040111, 2001 OS, OFFL, SIR, FDM, 2_00171012T03519, 20171012T040111, 2001 OS, OFFL, SIR, FDM, 2_00171012T040111, 2001 OS, OFFL, SIR, FDM, 2_00171012T040111, 2001 OS, OFFL, SIR, FDM, 2_00171012T040111, 2001 OS, OFFL, SIR, FDM, 2_00171012T05319, 20171012T040111, 2001 OS, OFFL, SIR, FDM, 2_00171012T05319, 20171012T040111, 2001 OS, OFFL, SIR, FDM, 2_00171012T05319, 20171012T05319, 20171012T05	CS_OFFL_SIR_FDM_220171012T010109_20171012T010300_C001		
So, OFFL, SIR, FDM, 2, 2017/1012703493, 2017/10127039594, COO1 CS, OFFL, SIR, FDM, 2, 2017/1012703493, 2017/10127040595, COO1 CS, OFFL, SIR, FDM, 2, 2017/10127044214, 2017/1012704459, COO1 CS, OFFL, SIR, FDM, 2, 2017/10127044214, 2017/1012704595, COO1 CS, OFFL, SIR, FDM, 2, 2017/10127044214, 2017/1012704595, COO1 CS, OFFL, SIR, FDM, 2, 2017/10127044214, 2017/1012704595, COO1 CS, OFFL, SIR, FDM, 2, 2017/1012704593, 2017/1012704595, COO1 CS, OFFL, SIR, FDM, 2, 2017/1012704593, 2017/10127050393, COO1 CS, OFFL, SIR, FDM, 2, 2017/1012704593, 2017/10127050393, COO1 CS, OFFL, SIR, FDM, 2, 2017/10127050393, 2017/10127050393, COO1 CS, OFFL, SIR, FDM, 2, 2017/10127103933, 2017/10127050393, COO1 CS, OFFL, SIR, FDM, 2, 2017/10127110393, 2017/10127103933, COO1 CS, OFFL, SIR, FDM, 2, 2017/10127110393,	CS_OFFL_SIR_FDM_220171012T012134_20171012T013721_C001		
Sea Siste ass Correction Sea Siste Bas Correction, Altrendic Wind Speed CS_OFFL_SR_FDML_2_20171012T045958_20171012T044998_CO001 CS_OFFL_SR_FDML_2_20171012T045958_20171012T045958_CO01 CS_OFFL_SR_FDML_2_20171012T045958_20171012T054958_CO01 CS_OFFL_SR_FDML_2_20171012T054958_20171012T054958_CO01 CS_OFFL_SR_FDML_2_20171012T055030_20171012T059583_CO01 CS_OFFL_SR_FDML_2_20171012T053032_20171012T059583_CO01 CS_OFFL_SR_FDML_2_20171012T053032_20171012T059583_CO01 CS_OFFL_SR_FDML_2_20171012T053032_20171012T059583_CO01 CS_OFFL_SR_FDML_2_20171012T053032_20171012T059593_CO01 CS_OFFL_SR_FDML_2_20171012T053032_20171012T059593_CO01 CS_OFFL_SR_FDML_2_20171012T053032_20171012T059593_CO01 CS_OFFL_SR_FDML_2_20171012T05458_20171012T054170_CO01 CS_OFFL_SR_FDML_2_20171012T05458_20171012T059597_CO01 CS_OFFL_SR_FDML_2_20171012T053332_20171012T005957_CO01 CS_OFFL_SR_FDML_2_20171012T053332_20171012T005957_CO01 CS_OFFL_SR_FDML_2_20171012T053332_20171012T005957_CO01 CS_OFFL_SR_FDML_2_20171012T1035332_20171012T059597_CO01 CS_OFFL_SR_FDML_2_20171012T1035332_20171012T1059597_CO01 CS_OFFL_SR_FDML_2_20171012T1035332_20171012T1059597_CO01 CS_OFFL_SR_FDML_2_20171012T1035332_20171012T1059597_CO01 CS_OFFL_SR_FDML_2_20171012T1035332_20171012T1059597_CO01 CS_OFFL_SR_FDML_2_20171012T1035332_20171012T1059597_CO01 CS_OFFL_SR_FDML_2_20171012T1035332_20171012T1059597_CO01 CS_OFFL_SR_FDML_2_20171012T1035332_20171012T1059597_CO01 CS_OFFL_SR_FDML_2_201710	CS_OFFL_SIR_FDM_220171012T015456_20171012T023033_C001		
Wind Speed CR_OFFL_SR_FDW_2_20171012704219_20171012704555_C001 CR_OFFL_SR_FDW_2_20171012704216_20171012704555_C001 CR_OFFL_SR_FDW_2_201710127050320_201710127053955_C001 CR_OFFL_SR_FDW_2_201710127050320_20171012705395_C001 CR_OFFL_SR_FDW_2_201710127050320_20171012705395_C001 CR_OFFL_SR_FDW_2_201710127050320_20171012705395_C001 CR_OFFL_SR_FDW_2_201710127050320_20171012705395_C001 CR_OFFL_SR_FDW_2_201710127050320_2017101270540_C001 CR_OFFL_SR_FDW_2_2017101270705320_2017101270540_C001 CR_OFFL_SR_FDW_2_20171012705335_20171012705395_C001 CR_OFFL_SR_FDW_2_20171012705335_20171012705395_C001 CR_OFFL_SR_FDW_2_20171012705335_20171012705395_C001 CR_OFFL_SR_FDW_2_20171012705335_20171012705395_C001 CR_OFFL_SR_FDW_2_20171012705335_20171012705395_C001 CR_OFFL_SR_FDW_2_20171012705335_20171012705395_C001 CR_OFFL_SR_FDW_2_20171012705335_20171012705395_C001 CR_OFFL_SR_FDW_2_201710127105353_20171012705395_C001 CR_OFFL_SR_FDW_2_201710127105353_20171012705395_C001 CR_OFFL_SR_FDW_2_201710127105353_20171012705395_C001 CR_OFFL_SR_FDW_2_201710127105353_20171012705395_C001 CR_OFFL_SR_FDW_2_201710127105353_201710127105395_C001 CR_OFFL_SR_FDW_2_201710127105353_201710127105395_C001 CR_OFFL_SR_FDW_2_201710127105353_201710127105395_C001 CR_OFFL_SR_FDW_2_201710127113350_C001 CR_OFFL_SR_FDW_2_201710127113350_C001 CR_OFFL_SR_FDW_2_201710127113350_C001 CR_OFFL_SR_FDW_2_201710127113350_C001 CR_OFFL_SR_FDW_2_201710127113503_C001 CR_OFFL_SR_FDW_2_201710127113450_C001 CR_OFFL_SR_FDW_2_201710127113450_C0011 CR_OFFL_SR_FDW_2_201710127113450_C0011 CR_OFFL_SR_FDW_2_20171	CS_OFFL_SIR_FDM_220171012T025751_20171012T031527_C001	Sea State Bias Correction	
SOFFL_SIR_FDM_2_20171012T045255_20170 See State Bas Correction, Altimetric Wind Speed and See State Bas Correction, Altimetric Wind Speed State Bas Correction For one or none records with the Altimetric Wind Speed and Sea State Bas Correction, Altimetric Wind Speed State Bas Correction For one or none records with Speed State Bas Correctio	CS_OFFL_SIR_FDM_220171012T033438_20171012T035554_C001		
CS_OFFL_SIR_FDM_2_2017/10127064372_00170127108395_CO01 Wind Speed See State Bas Correction, Allimetric Wind Speed and See State Bas Correction, Allimetric Wind Speed State Bas Correction Process State Bas Correction Process State Bas Correction, Allimetric Wind Speed State Bas Correction Process State Bas Correctio	CS_OFFL_SIR_FDM_220171012T035558_20171012T040928_C001		
Sec. Spring Sing Form 2 2017/10127014276 2017/101270163282 2010 2015/101270163382 2017/101270163383 2017/101270163383 2017/10127016338 2017/10127016309 2017/10127016338 2017/10127016309 2017/10127016338 2017/10127016309 2017/10127016338 2017/10127016309 2017/10127016309 2017/10127016309 2017/10127016309 2017/1012701630	CS_OFFL_SIR_FDM_220171012T042219_20171012T044111_C001		·
So, SPFL_SIR_FDM_2_2017/0127053332_2017/012715402535_C001 So, SPFL_SIR_FDM_2_2017/0127053332_2017/012705704_C001 So, SPFL_SIR_FDM_2_2017/0127053332_2017/0127053057_C001 So, SPFL_SIR_FDM_2_2017/0127053332_2017/0127053057_C001 So, SPFL_SIR_FDM_2_2017/0127053332_2017/0127053057_C001 So, SPFL_SIR_FDM_2_2017/01271025_0017/0127053057_C001 So, SPFL_SIR_FDM_2_2017/01271025_0017/01271030507_C001 So, SPFL_SIR_FDM_2_2017/01271025_0017/01271030507_C001 So, SPFL_SIR_FDM_2_2017/01271025_0017/01271030507_C001 So, SPFL_SIR_FDM_2_2017/01271025_0017/01271030507_C001 So, SPFL_SIR_FDM_2_2017/01271027102710271000_C001 So, SPFL_SIR_FDM_2_2017/0127102710271000_C001 So, SPFL_SIR_FDM_2_2017/01271027175000_C001 So, SPFL_SIR_FDM_2_2017/0127175600_C001 So, SPFL_SIR_FDM_2_2017/0127175600_C001 So, SPFL_SIR_FDM_2_2017/0127175600_C001 So, SPFL_SIR_FDM_2_2017/0127175600_C001 So, SPFL_SIR_FDM_2_2017/0127175600_C001 So, SPFL_SIR_FDM_2_20	CS_OFFL_SIR_FDM_220171012T044216_20171012T045555_C001		
So SFEL SIR_FDM_2_20171012708303_20171012708704_C001 So SFEL SIR_FDM_2_20171012708332_20171012708704_C001 So SFEL SIR_FDM_2_201710127074156_20171012708704_C001 So SFEL SIR_FDM_2_201710127074156_20171012708704_C001 So STEL SIR_FDM_2_201710127074156_20171012708704_C001 So STEL SIR_FDM_2_20171012707456_20171012708704_C001 So STEL SIR_FDM_2_20171012708332_20171012708704_C001 So STEL SIR_FDM_2_20171012708332_20171012708704_C001 So STEL SIR_FDM_2_20171012708332_20171012708570_C001 So STEL SIR_FDM_2_20171012708332_201710127089807_C001 So STEL SIR_FDM_2_20171012708332_201710127089807_C001 So STEL SIR_FDM_2_20171012708533_201710127089807_C001 So STEL SIR_FDM_2_20171012708533_201710127089807_C001 So STEL SIR_FDM_2_20171012708533_201710127089807_C001 So STEL SIR_FDM_2_20171012708533_201710127089807_C001 So STEL SIR_FDM_2_2017101271098533_201710127089807_C001 So STEL SIR_FDM_2_201710127101256_201710127113890_C001 So STEL SIR_FDM_2_20171012711325_201710127113890_C001 So STEL SIR_FDM_2_201710127113132_20171012713890_C001 So STEL SIR_FDM_2_20171012713332_20171012713800_C001 So STEL SIR_FDM_2_20171012713533_20171012713800_C001 So STEL SIR_FDM_2_20171012713533_20171012713800_C001 So STEL SIR_FDM_2_20171012713530_C001 So STEL SIR_FDM_2_2017101271360_C001 So STEL SIR_FDM_2_20171012713600_C001 So	CS_OFFL_SIR_FDM_220171012T051347_20171012T052829_C001		
See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T08532_20171012T0870734_C001 See State Bias Correction, Altimetric Wind Speed See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T08434_20171012T08709_C001 See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T08434_20171012T08709_C001 See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T08433_20171012T08950_C001 See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T08433_20171012T08950_C001 See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T08433_20171012T13350_C001 See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T13350_C001 See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T13445_001_C001 See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T134500_C001 See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T134500_C001 See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T154404_C001 See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T154404_C001 See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T154404_C001 See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T175000_20171012T154443_C001 See State Bias Correction, Altimetric SC 9FFL_SIR_FDM_2_20171012T175000_20171012T1754000_C001 See State Bias Correction, Altimetric SC	CS_OFFL_SIR_FDM_220171012T053030_20171012T053953_C001		
Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric Wind Sp	CS_OFFL_SIR_FDM_220171012T060126_20171012T061916_C001		
CS_OFFL_SIR_FDM_2_201710127104594_2017101271059500 CS_OFFL_SIR_FDM_2_20171012704594_20171012709367_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171012709367_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171012709367_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_201710127103931_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_201710127134500_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_201710127134504_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_201710127154404_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_201710127154404_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_201710127154604_201710127154404_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171012715460_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_201710127175460_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_201710127175460_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_2017101271754	CS_OFFL_SIR_FDM_2_20171012T065328_20171012T070734_C001		
CS_OFFL_SIR_FDM_2_201710127092833_201710127092835_COOT CS_OFFL_SIR_FDM_2_201710127092833_201710127092835_COOT Sea State Bias Correction Altimetric Wind Speed and Sea State Bias Correction Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetri	CS_OFFL_SIR_FDM_2_20171012T074156_20171012T074410_C001		
Sea State Blas Correction, Allimetric Wind Speed and Sea State Blas Correction, Allim	CS_OFFL_SIR_FDM_220171012T074534_20171012T081709_C001		
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	CS_OFFL_SIR_FDM_220171012T224330_20171012T230819_C001		·
	CS_OFFL_SIR_FDM_220171012T232555_20171012T235801_C001		

6.5 L2 FDM Measurement Confidence Data Check

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220171012T090553_20171012T090641_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220171012T121946_20171012T122111_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220171012T153631_20171012T154404_C001	Attitude correction missing	The attitude has not been corrected

6.6 L2 FDM Range Measurement Check

CryoSat L2 data includes a CFI (field 17) and OCOG (field 22) Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

21

Product	Test Failed	Description
CS_OFFL_SIR_FDM_2_20171012T010109_20171012T010300_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20171012T012134_20171012T013721_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T015456_20171012T023033_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T033438_20171012T035554_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T035558_20171012T040928_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T044216_20171012T045555_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T051347_20171012T052829_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T053030_20171012T053953_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T060126_20171012T061916_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T065328_20171012T070734_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T074156_20171012T074410_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T074534_20171012T081709_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T092833_20171012T093957_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20171012T101226_20171012T103931_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T133152_20171012T134805_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T141736_20171012T145300_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T161711_20171012T163215_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T174518_20171012T175006_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T175009_20171012T175450_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T184712_20171012T184933_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T185056_20171012T185445_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T185502_20171012T185808_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T185930_20171012T190147_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T210456_20171012T212859_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T224330_20171012T230819_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T232555_20171012T235801_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.

6.7 L2 FDM SWH and Backscatter Measurement Check

CryoSat L2 data includes a SWH-Squared Averaging Status flag (field 39) and an CFI (field 45) and OCOG (field 51) Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors: 26

Product	Test Failed	Description
	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T012134_20171012T013721_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CS_OFFL_SIR_FDM_220171012T015456_20171012T023033_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T033438_20171012T035554_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T035558_20171012T040928_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T044216_20171012T045555_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T051347_20171012T052829_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T053030_20171012T053953_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T060126_20171012T061916_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T065328_20171012T070734_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T074156_20171012T074410_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T074534_20171012T081709_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T092833_20171012T093957_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T101226_20171012T103931_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T133152_20171012T134805_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T141736_20171012T145300_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T161711_20171012T163215_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T174518_20171012T175006_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T175009_20171012T175450_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T184712_20171012T184933_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T185056_20171012T185445_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T185502_20171012T185808_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T185930_20171012T190147_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T210456_20171012T212859_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T224330_20171012T230819_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_220171012T232555_20171012T235801_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

6.8 L2 FDM Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag (field 66) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220171012T001643_20171012T004901_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T010109_20171012T010300_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T012134_20171012T013721_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T015456_20171012T023033_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T025234_20171012T025657_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T025751_20171012T031527_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T033438_20171012T035554_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T035558_20171012T040928_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T042219_20171012T044111_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T044216_20171012T045555_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T051347_20171012T052829_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171012T053030_20171012T053953_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171012T060126_20171012T061916_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.

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CS_OFFL_SIR_FDM_220171012T065328_20171012T070734_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T074156_20171012T074410_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T074534_20171012T081709_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T083321_20171012T085710_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T092833_20171012T093957_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T101226_20171012T103931_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T110254_20171012T113350_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T124130_20171012T131407_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T133152_20171012T134805_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T140600_20171012T140712_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T141736_20171012T145300_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T151045_20171012T153615_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T155619_20171012T161046_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T161528_20171012T161708_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T161711_20171012T163215_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T165109_20171012T170343_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T170556_20171012T172446_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T174518_20171012T175006_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T175009_20171012T175450_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T175726_20171012T181104_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T184712_20171012T184933_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T185056_20171012T185445_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T185502_20171012T185808_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T185930_20171012T190147_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T193426_20171012T195003_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T200607_20171012T202952_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T210456_20171012T212859_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T214505_20171012T215548_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T220123_20171012T221630_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T224330_20171012T230819_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220171012T232555_20171012T235801_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.

7. 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
SIR1LRM_0_	143	143	143	0	0
SIR1SAR_0_	100	100	100	0	0
SIR1SIN_0_	110	110	110	0	0
SIR2SIN_0_	115	115	115	0	0
SIR_FDM_1B	143	143	143	0	0
SIR FDM 2	141	141	141	0	0

7.1 QCC Errors

Number of QCC reports with errors:

0

7.2 QCC Warnings

Number of QCC reports with warnings

0

7.3 Missing QCC Reports

Number of products with missing QCC reports:

0