



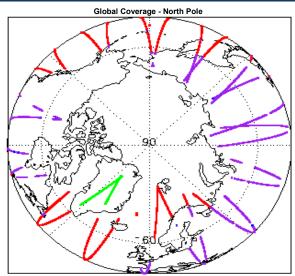
1. Overview

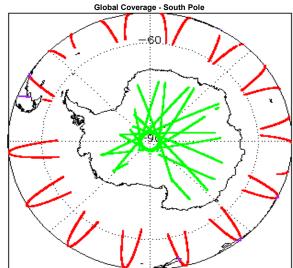
Report Production Date:	02-Jul-2019
Processor Used:	CryoSat Ice Processor
Data Used:	L1 and L2 Fast Delivery Marine (FDM)

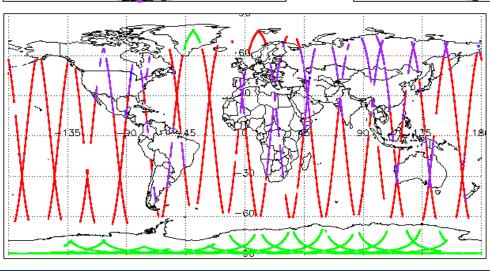
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2, 5.2 and 6.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 6.4
Measurement Confidence Data Check	See Section 5.7, 6.5, 6.6, 6.7 and 6.8

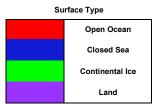
Mission / Instrument News		
30-Jun-2019	None	
01-Jul-2019	None	
02-Jul-2019	Nothing planned	

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

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_020190701T130618_20190701T130805_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20190701T024229_20190701T024806_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020190701T094650_20190701T095326_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020190701T052452_20190701T052800_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020190701T091318_20190701T091759_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020190701T113137_20190701T113210_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020190701T134200_20190701T134323_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020190701T190835_20190701T191207_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020190701T130315_20190701T130618_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020190701T114209_20190701T114742_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020190701T134404_20190701T134412_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020190701T140344_20190701T140755_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020190701T134412_20190701T134749_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020190701T223611_20190701T223717_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020190701T065035_20190701T065353_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020190701T175947_20190701T180254_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020190701T193847_20190701T194224_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020190701T104418_20190701T104751_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:

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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:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20190701T052222_20190701T052343_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190701T052343_20190701T052452_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190701T020838_20190701T020901_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190701T034540_20190701T035050_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190701T020901_20190701T020940_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).

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_20190701T020838_20190701T020901_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20190701T052222_20190701T052343_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: 0

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: 0

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: 0

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_20190701T004707_20190701T012001_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20190701T020838_20190701T020901_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20190701T052222_20190701T052343_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).

Number of products with errors:

0

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:

Product	Test Failed
CS_OFFL_SIR_FDM_220190701T052222_20190701T052343_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220190701T052343_20190701T052452_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220190701T020838_20190701T020901_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220190701T034540_20190701T035050_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220190701T020901_20190701T020940_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).

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:

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.

Number of products with errors:

S. OFFL. SIR. FDM. 2. 201907011704509, 201907011703509, COD1 S. OFFL. SIR. FDM. 2. 201907011704501, 201907011703509, COD1 S. OFFL. SIR. FDM. 2. 201907011704501, 201907011703509, COD1 S. OFFL. SIR. FDM. 2. 201907011704501, 201907011703724, COD1 S. OFFL. SIR. FDM. 2. 201907011704501, 201907011703724, COD1 S. OFFL. SIR. FDM. 2. 201907011704513, 201907011703724, COD1 S. OFFL. SIR. FDM. 2. 201907011704513, 201907011703724, COD1 S. OFFL. SIR. FDM. 2. 201907011704513, 201907011703512, COD1 S. OFFL. SIR. FDM. 2. 201907011704513, 201907011703512, COD1 S. OFFL. SIR. FDM. 2. 201907011704513, 201907011703512, COD1 S. OFFL. SIR. FDM. 2. 201907011704503, 201907011705619, COD1 S. OFFL. SIR. FDM. 2. 201907011704503, 201907011705619, COD1 S. OFFL. SIR. FDM. 2. 201907011704503, 201907011705619, COD1 S. OFFL. SIR. FDM. 2. 201907011704513, 201907011705619, COD1 S. OFFL. SIR. FDM. 2. 20190701171302, 201907011713041, COD1 S. OFFL. SIR. FDM. 2. 201907011713032, 20190701173041, COD1 S. OFFL. SIR. FDM. 2. 201907011713032, 20190701173041, COD1 S. OFFL. SIR. FDM. 2. 201907011713032, 20190701173051, COD1 S. OFFL. SIR. FDM. 2. 20190701173032, 20190701173031, COD1 S. OFFL. SIR. FDM. 2. 20190701173032, 20190701173032, COD1 S. OFFL. SIR. FDM.	Product	Test Failed	Description
Sa OFFL, SIR, FDM. 2. 2019070117023412, 201907011703450, 201907011703450, 201907011703450, 201907011703450, 201907011703450, 201907011703450, 2019070117035050, COOL Sae State Bas Correction Sae State Bas Correction, Altimetric Vivis Speed Sae State Bas Correction, Altimetric Vivis Speed Sae State Bas Correction, Altimetric Sae	CS_OFFL_SIR_FDM_220190701T013522_20190701T015921_C001		
Sea State Blas Correction from one more records. So FFEL SIR, FDM. 2. 201907011704540, 201907011704572, C001 Sea State Blas Correction, Attimetric Wind Speed and Sea State Blas Correction from one or more records. So FFEL SIR, FDM. 2. 201907011704573, 201907011708573, C001 Sea State Blas Correction, Attimetric Wind Speed and Sea State Blas Correction for one or more records. So FFEL SIR, FDM. 2. 201907011704572, 201907011708517, C001 Sea State Blas Correction, Attimetric Wind Speed and Sea State Bl	CS_OFFL_SIR_FDM_220190701T023317_20190701T024229_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
So GPFL_SIR_FBM_2_201907011704512 21907011704572 CO01 Sign GPFL_SIR_FBM_2_201907011704513 201907011704572 CO01 Sign GPFL_SIR_FBM_2_201907011704513 201907011704572 CO01 Sign GPFL_SIR_FBM_2_201907011704512 20190701170537 CO01 Sign GPFL_SIR_FBM_2_20190701170452 20190701170537 CO01 Sign GPFL_SIR_FBM_2_20190701170532 20190701170531 CO01 Sign GPFL_SIR_FBM_2_20190701170532 20190701170532 CO01 Sign GPFL_SIR_FBM_2_20190701170532 20190701170531 CO01 Sign GPFL_SIR_FBM_2_20190701110532 20190701110531 CO01 Sign GPFL_SIR_FBM_2_20190701110532 20190701110531 CO01 Sign GPFL_SIR_FBM_2_20190701110532 20190701110531 CO01 Sign GPFL_SIR_FBM_2_20190701110533 20190701110531 CO01 Sign GPFL_SIR_FBM_2_20190701110533 20190701112012 CO01 Sign GPFL_SIR_FBM_2_20190701111330 20190701112012 CO01 Sign GPFL_SIR_FBM_2_20190701111302 20190701113019 CO01 Sign GPFL_SIR_FBM_2_2019070111303 20190701112014 CO01 Sign GPFL_SIR_FBM_2_2019070111303 2019070111301 CO01 Sign GPFL_SIR_FBM_2_2019070111303 2019070111301 CO01 Sign GPFL_SIR_FBM_2_2019070111303 2019070111301 CO01 Sign GPFL_SIR_FBM_2_2019070111303 2019070111301 CO01 Sign GPFL_SIR_FBM_2_2019070111303 2019070111303 CO01 Sign GPFL_SIR_FBM_2_20190701114053 CO01 Sign GPFL_SIR_FBM_2_2019070111452 CO01 Sign GPFL_SIR_FBM_2_20190701114053 CO01 Sign GPFL_SIR_FBM_2_20190701117303 CO01 Sign GPFL_SIR_FBM_2_201907011717303 CO01 Sign GPFL_SIR_FBM_2_201907011717303 CO01 Sign GPFL_SIR_FBM_2_201907011717303 CO01 Sign GPFL_SIR_FBM_2_201907011717303 CO01 Sign GPFL_SIR_FBM_2_201907011717053 CO01 Sign GPFL_SIR_FBM_2_201907011717053 CO01 Sign GPFL_SIR_FBM_2_201907011717053 CO01 Sign GPFL_	CS_OFFL_SIR_FDM_220190701T024806_20190701T025848_C001	·	There is an error with the Sea State Bias Correction for one or more
Sign OFFL_SIR_FDM_2_20190701104332_20190701104372_001 Sign OFFL_SIR_FDM_2_20190701106433_20190701106312_001 Sign OFFL_SIR_FDM_2_2019070110632_20190701106352_001 Sign OFFL_SIR_FDM_2_2019070110632_2019070110639_001 Sign OFFL_SIR_FDM_2_2019070110632_20190701111402_001 Sign OFFL_SIR_FDM_2_2019070110632_2019070111402341_0001 Sign OFFL_SIR_FDM_2_2019070111303_201907011120012_001 Sign OFFL_SIR_FDM_2_2019070111303_20190701112001_001 Sign OFFL_SIR_FDM_2_20190701114035_201907011140341_001 Sign OFFL_SIR_FDM_2_20190701114035_201907011140341_001 Sign OFFL_SIR_FDM_2_20190701114035_20190701114036_001 Sign OFFL_SIR_FDM_2_20190701114035_20190701114036_001 Sign OFFL_SIR_FDM_2_20190701114036_2001 Sign OFFL_SIR_FDM_2_2019070111	CS_OFFL_SIR_FDM_220190701T034540_20190701T035050_C001	Sea State Bias Correction	
Signification of the properties of the propertie	CS_OFFL_SIR_FDM_220190701T040511_20190701T043724_C001	Wind Speed	Correction for one or more records
So. GFEL_SIR_FDM_2_20190701T109352_20190701T109539_2001 So. GFEL_SIR_FDM_2_20190701T109352_20190701T109539_2001 So. GFEL_SIR_FDM_2_20190701T109392_20190701T109539_2001 So. GFEL_SIR_FDM_2_20190701T109598_20190701T109539_2001 So. GFEL_SIR_FDM_2_20190701T109598_20190701T109539_2001 So. GFEL_SIR_FDM_2_20190701T109598_20190701T109539_2001 So. GFEL_SIR_FDM_2_20190701T109598_20190701T10901 So. GFEL_SIR_FDM_2_20190701T109598_20190701T109001 So. GFEL_SIR_FDM_2_20190701T109598_20190701T109001 So. GFEL_SIR_FDM_2_20190701T109598_20190701T109001 So. GFEL_SIR_FDM_2_20190701T109001 So. GFEL_SIR_FDM_2_20	CS_OFFL_SIR_FDM_220190701T054353_20190701T061713_C001	Wind Speed	Correction for one or more records
So GPFL_SIR_FDM_2_20190701119522_201907011105312_0010 Sea 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, Altimetric Wind Speed 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 State Bias Correction National State Bias Correction Natio	S_OFFL_SIR_FDM_220190701T072128_20190701T075537_C001		
So PFL_SIR_FDM_2_2019070111095326_2019070111100515_0001 Wind Speed So SOFFL_SIR_FDM_2_201907011104751_201907011105519_C001 So SOFFL_SIR_FDM_2_201907011104751_2019070111130001 So SOFFL_SIR_FDM_2_20190701113002_2019070111130001 So SOFFL_SIR_FDM_2_20190701113002_2019070111201001 So SOFFL_SIR_FDM_2_20190701113002_2019070111201001 So SOFFL_SIR_FDM_2_20190701113002_2019070111201001 So SOFFL_SIR_FDM_2_20190701113002_2019070111201001 So SOFFL_SIR_FDM_2_20190701113002_2019070111201001 So SOFFL_SIR_FDM_2_20190701113002_2019070111201001 So SOFFL_SIR_FDM_2_20190701110001 So SOFFL_SIR_FDM_2_20190701110001 So SOFFL_SIR_FDM_2_201907011100001 So SOFFL_SIR_FDM_2_2019070111000000000000000000000000000000	CS_OFFL_SIR_FDM_220190701T091952_20190701T093512_C001	Wind Speed	
So PFL_SIR_FDM_2_20190701T108242_C0190701T108242_C010 Wind Speed Sas State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Wind Speed Sco PFL_SIR_FDM_2_20190701T108242_00190701T1143218_C001 Sas State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed Sco PFL_SIR_FDM_2_20190701T13024_20190701T13024_00190701T130343_C001 Sas State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sco PFL_SIR_FDM_2_20190701T130_00190701T13331_C001 Sas State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sco PFL_SIR_FDM_2_20190701T140755_20190701T143218_C001 Sas State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sco PFL_SIR_FDM_2_20190701T140755_20190701T14520_C001 Sas State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sco PFL_SIR_FDM_2_20190701T140755_20190701T14520_C001 Sas State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sco PFL_SIR_FDM_2_20190701T140755_20190701T140538_C001 Sas State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sco PFL_SIR_FDM_2_20190701T15025_C0190701T17438_C001 Sas State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sco PFL_SIR_FDM_2_20190701T17435_20190701T17436_C001 Sas State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sco PFL_SIR_FDM_2_20190701T17454_2001 Sas State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sco PFL_SIR_FDM_2_20190701T17438_C001 Sas State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sco PFL_SIR_FDM_2_20190701T174542_00100701T17456_C001 Sas State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction	S_OFFL_SIR_FDM_220190701T095326_20190701T100615_C001	Wind Speed	Correction for one or more records
So GFFL_SIR_FDM_2_201907011110473_20190701111403_CO01 Wind Speed So GFFL_SIR_FDM_2_20190701111403_CO01 So GFFL_SIR_FDM_2_201907011113022_20190701113119_CO01 So GFFL_SIR_FDM_2_20190701113022_20190701113119_CO01 So GFFL_SIR_FDM_2_20190701113022_20190701112313_CO01 So GFFL_SIR_FDM_2_20190701112313_CO0190701112313_CO01 So GFFL_SIR_FDM_2_20190701112313_CO0190701112313_CO01 So GFFL_SIR_FDM_2_201907011130343_CO01 So GFFL_SIR_FDM_2_20190701114075_201907011143218_CO01 So GFFL_SIR_FDM_2_20190701114075_201907011143218_CO01 So GFFL_SIR_FDM_2_20190701114075_201907011143218_CO01 So GFFL_SIR_FDM_2_20190701114075_201907011143218_CO01 So GFFL_SIR_FDM_2_20190701114075_201907011143218_CO01 So GFFL_SIR_FDM_2_20190701114075_20190701114328_CO01 So GFFL_SIR_FDM_2_20190701114075_20190701114328_CO01 So GFFL_SIR_FDM_2_20190701114075_20190701114328_CO01 So GFFL_SIR_FDM_2_20190701114075_20190701114328_CO01 So GFFL_SIR_FDM_2_20190701114075_20190701114328_CO01 So GFFL_SIR_FDM_2_20190701114075_2019070111438_CO01 So GFFL_SIR_FDM_2_20190701114075_2019070111438_CO01 So GFFL_SIR_FDM_2_20190701114075_20190701117438_CO01 So GFFL_SIR_FDM_2_20190701117438_CO01 So GFFL_SIR_FDM_2_20190701117488_20190701117438_CO01 So GFFL_SIR_FDM_2_20190701117488_20190701117438_CO01 So GFFL_SIR_FDM_2_20190701117488_20190701117438_CO01 So GFFL_SIR_FDM_2_20190701117488_20190701117438_CO01 So GFFL_SIR_FDM_2_20190701117488_20190701117438_CO01 So GFFL_SIR_FDM_2_20190701117488_20190701117438_CO01 So GFFL_SIR_FDM_2_20190701117488_CO01 So GFFL_SIR_FDM_2_20190701117488_20190701117448_CO01 So GFFL_SIR_FDM_2_20190701117488_20190701117488_CO01 So GFFL_SIR_FDM_2_201907011178304_C001 So GFFL_SIR_FDM_2_201907011178304_C001 So GFFL_SIR_FDM_2_201907011178304_C001 So GFFL_SIR_FDM_2_20	CS_OFFL_SIR_FDM_220190701T100829_20190701T102528_C001	Wind Speed	Correction for one or more records
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Sea State Bias Correction Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias	S_OFFL_SIR_FDM_2_20190701T183041_20190701T184058_C001		Correction for one or more records
Sea State Bias Correction Sea State Bias Correction, Altimetric Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias	S_OFFL_SIR_FDM_2_20190701T185952_20190701T190058_C001	Sea State Bias Correction	records
S_OFFL_SIR_FDM_2_20190701T194603_20190701T202218_C001 S_OFFL_SIR_FDM_2_20190701T204215_20190701T210625_C001 S_OFFL_SIR_FDM_2_20190701T212520_20190701T214214_C001 S_OFFL_SIR_FDM_2_20190701T212520_20190701T214214_C001 S_OFFL_SIR_FDM_2_20190701T212520_20190701T214214_C001 S_OFFL_SIR_FDM_2_20190701T212520_20190701T214214_C001 S_OFFL_SIR_FDM_2_20190701T212520_20190701T214214_C001 S_OFFL_SIR_FDM_2_20190701T212520_20190701T214214_C001 S_OFFL_SIR_FDM_2_20190701T214214_C001 S_OFFL_SIR_FDM_2_20190701T214214_C001 S_OFFL_SIR_FDM_2_20190701T214214_C001 S_OFFL_SIR_FDM_2_20190701T214214_C001 S_OFFL_SIR_FDM_2_20190701T214214_C001 S_OFFL_SIR_FDM_2_20190701T214214_C001 S_OFFL_SIR_FDM_2_20190701T21520_20190701T214214_C001 S_OFFL_SIR_FDM_2_20190701T214214_C001 S_OFFL_SIR_FDM_2_20190701T21421	S_OFFL_SIR_FDM_220190701T191838_20190701T192905_C001		records
Wind Speed Correction for one or more records Sa State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias	S_OFFL_SIR_FDM_220190701T194603_20190701T202218_C001	Wind Speed	Correction for one or more records
S_OFFL_SIR_FDM_2_201907011212520_201907011214214_C001 Wind Speed Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias	S_OFFL_SIR_FDM_2_20190701T204215_20190701T210625_C001	Wind Speed	Correction for one or more records
	S_OFFL_SIR_FDM_2_20190701T212520_20190701T214214_C001	Wind Speed	Correction for one or more records
	CS_OFFL_SIR_FDM_220190701T214309_20190701T215340_C001		

CS_OFFL_SIR_FDM_220190701T221515_20190701T223058_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220190701T223717_20190701T224825_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220190701T232022_20190701T233112_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records

6.5 L2 FDM Measurement Confidence Data Check

CryoSat L2 data includes a measurement confidence flag (field 8) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

1

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220190701T004707_20190701T012001_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220190701T020838_20190701T020901_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220190701T052222_20190701T052343_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220190701T233610_20190701T234204_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo

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:

24

Product	Test Failed	Description
CS_OFFL_SIR_FDM_2_20190701T013522_20190701T015921_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_220190701T023317_20190701T024229_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_20190701T040511_20190701T043724_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_220190701T054353_20190701T061713_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_220190701T072128_20190701T075537_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_220190701T091952_20190701T093512_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_220190701T095326_20190701T100615_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_220190701T100829_20190701T102528_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_20190701T104751_20190701T105819_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_20190701T105958_20190701T111403_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_220190701T115329_20190701T120021_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_20190701T123130_20190701T123431_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_220190701T135639_20190701T135745_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_20190701T162721_20190701T170023_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_20190701T171451_20190701T171542_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_20190701T173706_20190701T174309_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_20190701T180637_20190701T182756_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_20190701T183041_20190701T184058_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_20190701T194603_20190701T202218_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_20190701T204215_20190701T210625_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_220190701T212520_20190701T214214_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_220190701T214309_20190701T215340_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_220190701T221515_20190701T223058_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_220190701T232022_20190701T233112_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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220190701T013522_20190701T015921_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_220190701T023317_20190701T024229_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_220190701T040511_20190701T043724_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_220190701T054353_20190701T061713_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_220190701T072128_20190701T075537_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_220190701T091952_20190701T093512_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_220190701T095326_20190701T100615_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_220190701T100829_20190701T102528_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_220190701T104751_20190701T105819_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_220190701T105958_20190701T1111403_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_220190701T115329_20190701T120021_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_220190701T123130_20190701T123431_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_220190701T135639_20190701T135745_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_220190701T162721_20190701T170023_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_220190701T171451_20190701T171542_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_220190701T173706_20190701T174309_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_220190701T180637_20190701T182756_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_220190701T183041_20190701T184058_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_220190701T194603_20190701T202218_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_220190701T204215_20190701T210625_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_220190701T212520_20190701T214214_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_220190701T214309_20190701T215340_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_220190701T221515_20190701T223058_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_220190701T232022_20190701T233112_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_220190701T004707_20190701T012001_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_220190701T013522_20190701T015921_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_220190701T023130_20190701T023315_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_220190701T023317_20190701T024229_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_220190701T024806_20190701T025848_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_220190701T034540_20190701T035050_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_220190701T040511_20190701T043724_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_220190701T054353_20190701T061713_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_220190701T072128_20190701T075537_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_220190701T085840_20190701T091318_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T091759_20190701T091922_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T091952_20190701T093512_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T095326_20190701T100615_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_2_20190701T100829_20190701T102528_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T104751_20190701T105819_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T105958_20190701T111403_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T113937_20190701T114209_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T114928_20190701T115206_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T115329_20190701T120021_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T123130_20190701T123431_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T130805_20190701T134200_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T135639_20190701T135745_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T140755_20190701T143218_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T154250_20190701T160538_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T162721_20190701T170023_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T171451_20190701T171542_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T173706_20190701T174309_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T180637_20190701T182756_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T183041_20190701T184058_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T185952_20190701T190058_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T191838_20190701T192905_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T194603_20190701T202218_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T204215_20190701T210625_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T212520_20190701T214214_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T214309_20190701T215340_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T221515_20190701T223058_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T223717_20190701T224825_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_2_20190701T230448_20190701T231842_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s
CS_OFFL_SIR_FDM_220190701T232022_20190701T233112_C001	Ocean Retracking Quality Flag	The Ocean Retrack Retracker was not s

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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
SIR_FDM_1B	147	147	147	0	0
SIR FDM 2	146	109	109	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:

111