

# IDEAS+ Daily Report for FDM data:

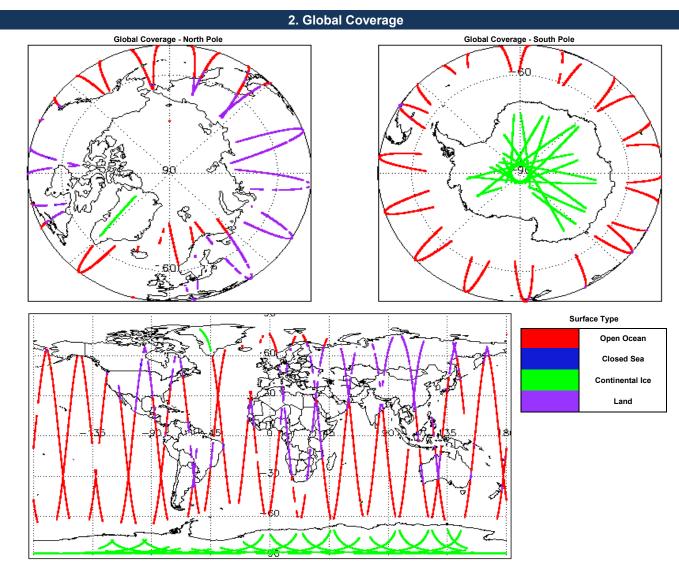
# 03/06/2019

See Section 6.4

1. Overview				
Check Status				
Report Production Date:	07-Jun-2019	Server check: science-pds.cryosat.esa.int	Nominal	
Processor Used: CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal		
	CryoSal ice Processor	Product Software Check	Nominal	
Data Used:	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	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

		Measurement Confidence Data Check	See Section 5.7, 6.5, 6.6, 6.7 and 6.8
Mission / Instru	ment News		
02-Jun-2019	None		
03-Jun-2019	None		
04-Jun-2019	Nothing planned		



### 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).

0

Number of products with errors:

#### 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: 8

Product	Test Failed
CS_OPER_SIR1SAR_020190603T223539_20190603T223704_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020190603T224745_20190603T224820_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020190603T133658_20190603T134131_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020190603T164708_20190603T164838_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020190603T043247_20190603T044128_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_0_20190603T001402_20190603T001946_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020190603T143926_20190603T144247_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020190603T101959_20190603T102145_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: 12

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20190603T151433_20190603T151442_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190603T144322_20190603T150606_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190603T154924_20190603T154959_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190603T073742_20190603T073745_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190603T055815_20190603T055833_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190603T041713_20190603T042057_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190603T154740_20190603T154920_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190603T152130_20190603T154736_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190603T055715_20190603T055815_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190603T042057_20190603T042303_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190603T151448_20190603T151816_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20190603T151056_20190603T151425_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.

2

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20190603T041713_20190603T042057_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20190603T055715_20190603T055815_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

2

#### 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:

#### 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_20190603T041713_20190603T042057_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20190603T055715_20190603T055815_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: 29	
Product	Test Failed
CS_OFFL_SIR_FDM_220190603T115618_20190603T115630_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T015730_20190603T020617_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T042057_20190603T042303_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220190603T175730_20190603T175746_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T055715_20190603T055815_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV) and product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T101707_20190603T101713_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T152130_20190603T154736_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220190603T055815_20190603T055833_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220190603T151448_20190603T151816_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220190603T090715_20190603T091146_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T151056_20190603T151425_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220190603T034835_20190603T041239_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T184104_20190603T191556_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T065802_20190603T070317_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T122158_20190603T123405_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T115637_20190603T115759_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T151433_20190603T151442_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220190603T233829_20190603T235339_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T073742_20190603T073745_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220190603T161717_20190603T161957_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T161042_20190603T161047_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T002953_20190603T004348_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T144322_20190603T150606_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220190603T134304_20190603T141536_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T230724_20190603T232123_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T154924_20190603T154959_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220190603T041713_20190603T042057_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV) and product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220190603T154740_20190603T154920_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220190603T041243_20190603T041308_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.

## 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: 0

## 6.4 L2 FDM Auxiliary Correction Error Check

Number of products with errors:

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

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Product	Test Failed	Description
CS_OFFL_SIR_FDM_220190603T000220_20190603T001327_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_220190603T002953_20190603T004348_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_220190603T004528_20190603T010014_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_220190603T012217_20190603T012926_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_220190603T013050_20190603T013600_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_220190603T013754_20190603T015406_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220190603T024340_20190603T024441_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_220190603T025927_20190603T033315_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220190603T034835_20190603T041239_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_220190603T044129_20190603T045555_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_220190603T052712_20190603T054106_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_220190603T054133_20190603T054719_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_220190603T054745_20190603T055253_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220190603T061715_20190603T065056_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220190603T071000_20190603T071255_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_220190603T074039_20190603T074435_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_220190603T075502_20190603T080603_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_220190603T080850_20190603T083005_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_220190603T085913_20190603T090630_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220190603T093348_20190603T100903_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_220190603T102803_20190603T104033_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_2_20190003T11121_2_001         See State Bias Correction, Attimetity Wind Speed         There is an error with the Attimetic Wind Speed and See State Bias Correction for one or nore records           CS_OFFL_SIR_FDM_2_20190003T1121216_001         See State Bias Correction, Attimetity Wind Speed         There is an error with the Attimetic Wind Speed and See State Bias Correction for one or nore records           CS_OFFL_SIR_FDM_2_20190003T122162_0190003T122162_0010         See State Bias Correction, Attimetity Wind Speed         There is an error with the Attimetic Wind Speed and See State Bias Correction for one or nore records           CS_OFFL_SIR_FDM_2_20190003T1422162_0190003T14236_001         See State Bias Correction, Attimetity Wind Speed         There is an error with the Attimetic Wind Speed and See State Bias Correction for one or nore records           CS_OFFL_SIR_FDM_2_20190003T144322_09190003T144322_001         See State Bias Correction, Attimetity Wind Speed         There is an error with the Attimetic Wind Speed and See State Bias Correction for one or nore records           CS_OFFL_SIR_FDM_2_20190003T162055_0190003T164202_001         See State Bias Correction, Attimetity Wind Speed         There is an error with the Attimetic Wind Speed and See State Bias Correction for one or nore records           CS_OFFL_SIR_FDM_2_20190003T164205_0190003T164202_001         See State Bias Correction, Attimetity Wind Speed         There is an error with the Attimetic Wind Speed and See State Bias Correction for one or nore records           CS_OFFL_SIR_FDM_2_20190003T164205_0190003T164202_001         See State Bias Correction, Attimetity Wind Speed	CS_OFFL_SIR_FDM_220190603T104044_20190603T105805_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_2_20190003111312_L000         Wind Speed         Correction for one or more records           CS_OFFL_SIR_FDM_2_20190003111326_201900031112540_2001         Sea State Bias Correction, Altimetic Wind Speed         Correction for one or more records           CS_OFFL_SIR_FDM_2_20190003112540_2001         Sea State Bias Correction, Altimetic Wind Speed         Correction for one or more records           CS_OFFL_SIR_FDM_2_20190003112540_2001         Sea State Bias Correction, Altimetic Wind Speed         Correction for one or more records           CS_OFFL_SIR_FDM_2_20190003114330_20190003114538_C001         Sea State Bias Correction, Altimetic Wind Speed         Correction for one or more records           CS_OFFL_SIR_FDM_2_20190003114320_20190003116378_C001         Sea State Bias Correction, Altimetic Wind Speed         The Altimetic Wind Speed and Sea State Bias Correction for one or more records           CS_OFFL_SIR_FDM_2_201900031164730_C001         Sea State Bias Correction, Altimetic Wind Speed         The Altimetic Wind Speed and Sea State Bias Correction for one or more records           CS_OFFL_SIR_FDM_2_201900031164012_C001         Sea State Bias Correction, Altimetic Wind Speed         The Altimetic Wind Speed and Sea State Bias Correction for one or more records           CS_OFFL_SIR_FDM_2_201900031164012_C001         Sea State Bias Correction, Altimetic Wind Speed         The Altimetic Wind Speed and Sea State Bias Correction for one or more records           CS_OFFL_SIR_FDM_2_201900031164012_C001         Sea State Bias Correction, Altimetic Wind Speed	CS_OFFL_SIR_FDM_220190603T111213_20190603T111832_C001		Correction for one or more records
CS_OFFL_SIR_FDM_2_201906031120513_20190603112540_C001       Wind Speed       Carrection for one or more records         CS_OFFL_SIR_FDM_2_201906031122158_201906031122158_C001       Sea State Bias Correction, Alimetric       There is an error with the Alimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031122158_20190603114326_C001       Sea State Bias Correction, Alimetric       There is an error with the Alimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031144322_201906031144322_201906031144322_201906031144322_201906031144322_201906031144322_201906031144322_201906031144322_201906031144322_201906031144322_201906031144322_201906031144322_201906031144322_201906031144322_20190603114202_20101       Sea State Bias Correction, Alimetric         CS_OFFL_SIR_FDM_2_20190603116205_201906031164740_20190603114620_C001       Sea State Bias Correction       There is an error with the Alimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603116205_20190603116205_20190603116205_20190603116205_20190603116205_20190603116205_20190603116205_20190603116205_20190603116205_20190603116205_20190603116205_20190603116205_20190603116205_2010       Sea State Bias Correction       There is an error with the Alimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603116205_20190603116205_C001       Sea State Bias Correction, Alimetric       There is an error with the Alimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603116205_C001       Sea State Bias Correction, Alimetric       There is an error with the Alimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603116	CS_OFFL_SIR_FDM_220190603T111926_20190603T113121_C001		
CS_OFFL_SIR_FDM_2_201906031123405_C001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_201906031122166_20190603T123405_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603114322_20190603114526_C001       Sea State Bias Correction, Altimetric       Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603114322_201906031154740_C001       Sea State Bias Correction, Altimetric       Correction for one or more records         CS_OFFL_SIR_FDM_2_201906031154740_201906031154740_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031164740_201906031164740_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031162055_201906031162055_201906031162055_201906031162055_201906031162055_201906031162055_201906031182026_201906031206539_C001       Mean Sea Surface Height       There is an error with the Altimetric Wind Speed       Correction for one or more records       Correction for one or more	CS_OFFL_SIR_FDM_220190603T113326_20190603T114816_C001		Correction for one or more records
CS_OFFL_SIR_FDM_2_201900031124159_C000       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_201900031144322_01900031144536_C001       Wind Speed       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201900031144322_01900031164736_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201900031154730_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201900031162055_001900031164720_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201900031176015_2001900031176015_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201900031176015_2001900031176015_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201900031182005_C001       Mean Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201900031182005_C001       Mean Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201900031210607_201906031182055_2001       Mean Sea State Bias Correction, Altimetric       The	CS_OFFL_SIR_FDM_220190603T120513_20190603T121540_C001		
CS_OFFL_SIR_FDM_2_20190603T143505_C001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T14322_20190603T150606_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T154736_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T154740_20190603T15420_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T164612_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T176355_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T182505_C001       Mean Sea Surface height       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T191556_C001       Mean Sea Surface height       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T201934_20190603T191556_C001       Mean Sea Surface height       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T21062T_20190603T21062T_20190603T21062T_20190603T21062T_20190603T21062T_20190603T21062T_20190603T21062T_20190603T21062T_20190603T21062T_20190603T21062T_20190603T210	CS_OFFL_SIR_FDM_220190603T122158_20190603T123405_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_201900031152130_201906031154706_C001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_201906031154740_201906031154700_C001       See State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031164740_201906031154920_C001       See State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031162055_201906031164612_C001       See State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031175917_201906031175355_C001       See State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031182026_201906031182055_C001       Mean Sea Surface height       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031182026_201906031182055_C001       Mean Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031210934_201906031210621_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031210934_201906031210621_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031210934_201906031210621_C001	CS_OFFL_SIR_FDM_220190603T134304_20190603T141536_C001		
CS_OFFL_SIR_FDM_2_201906031152130_201906031154740_20190603T15452_0001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T154740_20190603T154920_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T174815_20190603T175355_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T175917_20190603T175917_20190603T180730_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T184026_20190603T191556_C001       Mean Sea Surface height       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T184104_20190603T191556_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T210607_20190603T210652_0001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T210607_20190603T210627_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T217422_0190603T217202_001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220190603T144322_20190603T150606_C001		
CS_OFFL_SIR_FDM_2_201906031F34740_20190603T154920_C001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T162055_20190603T164612_C001       Sea State Bias Correction, Altimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T175815_20190603T175355_C001       Sea State Bias Correction, Altimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T182056_C001       Mean Sea State Bias Correction, Altimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T182056_C001       Mean Sea State Bias Correction, Altimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T184104_20190603T191556_C001       Sea State Bias Correction, Altimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T201934_20190603T210621_C001       Sea State Bias Correction, Altimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T211742_20190603T21203_C001       Sea State Bias Correction, Altimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T212258_20190603T214037_C001       Sea State Bias Correction, Altimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T212258_20190603T212057_C001       Sea State B	CS_OFFL_SIR_FDM_220190603T152130_20190603T154736_C001		
CS_OFFL_SIR_FDM_2_20190603116205_201906031162612_001       Sea State Bias Correction       records         CS_OFFL_SIR_FDM_2_201906031174815_20190603T175355_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T175917_20190603T180730_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T182026_20190603T182505_C001       Mean Sea Surface height       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T184104_20190603T191556_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T201934_20190603T205539_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T210607_20190603T210621_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T217422_0190603T212203_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T212258_0190603T222539_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T212258_0190603T222539_C001       Sea State B	CS_OFFL_SIR_FDM_220190603T154740_20190603T154920_C001		
CS_OFFL_SIR_FDM_2_201906031174815_201906031174815_201906031174815_201906031175917_201906031180730_C001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_201906031182026_201906031182025_C001       Mean Sea Surface height       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031182026_201906031191556_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031201934_201906031205539_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031210607_201906031210621_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031210607_201906031212203_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031212203_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201906031222352_01906031214037_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_2019060312224820_201906031223539_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603122482	CS_OFFL_SIR_FDM_220190603T162055_20190603T164612_C001	Sea State Bias Correction	
CS_OFFL_SIR_FDM_2_20190603T182026_20190603T182505_C001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T182026_20190603T182505_C001       Mean Sea Surface height       There is an error with the Atlimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T184104_20190603T19556_C001       Sea State Bias Correction, Attimetric       There is an error with the Atlimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T201934_20190603T205539_C001       Sea State Bias Correction, Attimetric       There is an error with the Atlimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T210607_20190603T210621_C001       Sea State Bias Correction, Attimetric       There is an error with the Atlimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T21742_20190603T212203_C001       Sea State Bias Correction, Attimetric       There is an error with the Atlimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T212258_20190603T212203_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T22258_20190603T223539_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T224820_20190603T230557_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T230724_20190603T235339_C001       <	CS_OFFL_SIR_FDM_220190603T174815_20190603T175355_C001		•
CS_OFFL_SIR_FDM_2_20190603T182026_20190603T182055_C001       Mean Sea Surface neight       records         CS_OFFL_SIR_FDM_2_20190603T184104_20190603T191556_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T201934_20190603T205539_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T210607_20190603T210621_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T21742_20190603T212023_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T212258_20190603T214037_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T2224820_20190603T232557_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T232420190603T232123_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T224820_20190603T232557_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T233829_20190603T233829_20190603T233829_2	CS_OFFL_SIR_FDM_220190603T175917_20190603T180730_C001		
CS_OFFL_SIR_FDM_2_201906031201934_20190603T205539_C001Wind SpeedCorrection for one or more recordsCS_OFFL_SIR_FDM_2_20190603T20607_20190603T210621_C001Sea State Bias Correction, Altimetric Wind SpeedThere is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more recordsCS_OFFL_SIR_FDM_2_20190603T210607_20190603T210621_C001Sea State Bias Correction, Altimetric Wind SpeedThere is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more recordsCS_OFFL_SIR_FDM_2_20190603T211742_20190603T212203_C001Sea State Bias Correction, Altimetric Wind SpeedThere is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more recordsCS_OFFL_SIR_FDM_2_20190603T212258_20190603T214037_C001Sea State Bias Correction, Altimetric Wind SpeedThere is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more recordsCS_OFFL_SIR_FDM_2_20190603T222111_20190603T223539_C001Sea State Bias Correction, Altimetric Wind SpeedThere is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more recordsCS_OFFL_SIR_FDM_2_20190603T224820_20190603T230557_C001Sea State Bias Correction, Altimetric Wind SpeedThere is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more recordsCS_OFFL_SIR_FDM_2_20190603T230724_20190603T232123_C001Sea State Bias Correction Sea State Bias Correction, Altimetric Wind SpeedThere is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more recordsCS_OFFL_SIR_FDM_2_20190603T230724_20190603T235339_C001Sea State Bias Correction, Altimetric Wind SpeedThere i	CS_OFFL_SIR_FDM_220190603T182026_20190603T182505_C001	Mean Sea Surface height	5
CS_OFFL_SIR_FDM_2_201906031201934_201906031205539_C001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T210607_20190603T210621_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T211742_20190603T21203_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T212258_20190603T214037_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T222111_20190603T223539_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T2224820_20190603T230557_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T230724_20190603T232123_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T230724_20190603T235339_C001       Sea State Bias Correction       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T233829_20190603T235339_C001       Sea State Bias Correction       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T233829_20190603T235339_C001       Sea	CS_OFFL_SIR_FDM_220190603T184104_20190603T191556_C001		
CS_OFFL_SIR_FDM_2_201906031210607_201906031210621_C001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T211742_20190603T212203_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T212258_20190603T214037_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T222111_20190603T223539_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T222111_20190603T223539_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T224820_20190603T230557_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T230724_20190603T232123_C001       Sea State Bias Correction       There is an error with the Sea State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T230724_20190603T235339_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T233829_20190603T235339_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T233829_20190603T235339_C00	CS_OFFL_SIR_FDM_220190603T201934_20190603T205539_C001		
CS_OFFL_SIR_FDM_2_2019060312127228_201906031212203_C001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T212258_20190603T214037_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T222111_20190603T223539_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T224820_20190603T230557_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T230724_20190603T232123_C001       Sea State Bias Correction       There is an error with the State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T230724_20190603T232123_C001       Sea State Bias Correction       There is an error with the State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T230724_20190603T235339_C001       Sea State Bias Correction       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T235540_20190603T235339_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         Correction for one or more records       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T237235540_20190603T235339_C001       Sea State Bias Correct	CS_OFFL_SIR_FDM_220190603T210607_20190603T210621_C001		
CS_OFFL_SIR_FDM_2_201906031212258_201906031214037_C001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T222111_20190603T223539_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T224820_20190603T230557_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T230724_20190603T232123_C001       Sea State Bias Correction       There is an error with the Sea State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T230724_20190603T232123_C001       Sea State Bias Correction, Altimetric       There is an error with the Sea State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T230724_20190603T235339_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T233829_20190603T235339_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T235540_20190604T000503_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220190603T211742_20190603T212203_C001		•
CS_OFFL_SIR_FDM_2_201906031222111_201906031223539_C001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T224820_20190603T230557_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T230724_20190603T232123_C001       Sea State Bias Correction, Altimetric       There is an error with the Sea State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T230724_20190603T235339_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T233829_20190603T235339_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T235540_20190604T000503_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T235540_20190604T000503_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220190603T212258_20190603T214037_C001		
CS_OFFL_SIR_FDM_2_20190603123053/2001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T230724_20190603T232123_C001       Sea State Bias Correction       There is an error with the Sea State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20190603T233829_20190603T235339_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_2_20190603T235540_20190604T005503_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric         CS_OFFL_SIR_FDM_2_20190603T235540_20190604T005503_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220190603T222111_20190603T223539_C001		
CS_OFFL_SIR_FDM_2_201906031230724_201906031232123_C001       Sea State Bias Correction       records         CS_OFFL_SIR_FDM_2_20190603T233829_20190603T235339_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T2353540_20190603T235339_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20190603T235540_20190604T000503_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220190603T224820_20190603T230557_C001		
CS_OFFL_SIR_FDM_2_201906031235829_201906031235339_C001 Wind Speed Correction, Altimetric Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220190603T230724_20190603T232123_C001	Sea State Bias Correction	
	CS_OFFL_SIR_FDM_220190603T233829_20190603T235339_C001		Correction for one or more records
	CS_OFFL_SIR_FDM_220190603T235540_20190604T000503_C001		

#### 6.5 L2 FDM Measurement Confidence Data Check

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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.

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220190603T041713_20190603T042057_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220190603T055715_20190603T055815_C001	Attitude correction missing	The attitude has not been corrected

## 6.6 L2 FDM Range Measurement Check

Number of products with errors:

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: 32

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220190603T000220_20190603T001327_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_220190603T004528_20190603T010014_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_220190603T012217_20190603T012926_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_220190603T013050_20190603T013600_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_220190603T024340_20190603T024441_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_220190603T034835_20190603T041239_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_220190603T044129_20190603T045555_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_220190603T052712_20190603T054106_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_220190603T054133_20190603T054719_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_220190603T074039_20190603T074435_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_220190603T075502_20190603T080603_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_220190603T080850_20190603T083005_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_220190603T093348_20190603T100903_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.

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CS_OFFL_SIR_FDM_220190603T102803_20190603T104033_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_220190603T111213_20190603T111832_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_220190603T111926_20190603T113121_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_220190603T113326_20190603T114816_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_220190603T120513_20190603T121540_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_220190603T122158_20190603T123405_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_220190603T134304_20190603T141536_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_220190603T144322_20190603T150606_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_220190603T152130_20190603T154736_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_220190603T154740_20190603T154920_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_220190603T174815_20190603T175355_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_220190603T175917_20190603T180730_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_220190603T184104_20190603T191556_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_220190603T201934_20190603T205539_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_220190603T211742_20190603T212203_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_220190603T212258_20190603T214037_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_220190603T222111_20190603T223539_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_220190603T233829_20190603T235339_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_220190603T235540_20190604T000503_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

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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_220190603T000220_20190603T001327_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_2_20190603T004528_20190603T010014_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_220190603T012217_20190603T012926_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_2_20190603T013050_20190603T013600_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_220190603T024340_20190603T024441_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_220190603T034835_20190603T041239_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_220190603T044129_20190603T045555_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_2_20190603T052712_20190603T054106_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_220190603T054133_20190603T054719_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_220190603T074039_20190603T074435_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_220190603T075502_20190603T080603_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_220190603T080850_20190603T083005_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_220190603T093348_20190603T100903_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_2_20190037102803_20190037110403_C001       CFI Backscatter Status Flag, SWH       The master filling is set by the CFI call, for one or more records, indicater fibre values score in fields 411, 422, 433 and 444 should be general for the master score in fields 411, 422, 433 and 444 should be general for the master score in fields 411, 422, 433 and 444 should be general for the master score in fields 411, 422, 433 and 444 should be general for the master field ting is set by the CFI call, for one or more records, indicater fibre values score in fields 411, 422, 433 and 444 should be general for the master field ting is set by the CFI call, for one or more records, indicater fibre values score in fields 411, 422, 433 and 444 should be general for these records.         CS_OFFL_SIR_FDM_2_2019003711328_20190037112460_C001       CFI Backscatter Status Flag, SWH       The master field ting is set by the CFI call, for one or more records, indicater fibre values score in fields 411, 422, 433 and 444 should be general for these records.         CS_OFFL_SIR_FDM_2_201900371122160_C001       CFI Backscatter Status Flag, SWH       The master field ting is set by the CFI call, for one or more records, indicater fibre values score in fields 411, 422, 433 and 444 should be general for these records.         CS_OFFL_SIR_FDM_2_2019000371122160_C001       CFI Backscatter Status Flag, SWH       The master field ting is set by the CFI call, for one or more records, indicater fibre values score in fields 411, 422, 433 and 444 should be general for these records.         CS_OFFL_SIR_FDM_2_2019000371122160_C001       CFI Backscatter Status Flag, SWH       The master field ting is set by the CFI call, for one or more records, indicater fibre values score in fields 411, 422, 433 and 444 should be gene		
CS_OFFL_SIR_FDM_2_20190003T111213_00100003T111322       CPI Backscatter Status Flag, SWH       The status Flag, SWH         CS_OFFL_SIR_FDM_2_20190003T113226_20190003T114010_0001       CPI Backscatter Status Flag, SWH       The status Flag, SWH         CS_OFFL_SIR_FDM_2_20190003T113226_20190003T114010_0001       CPI Backscatter Status Flag, SWH       The status Flag, SWH         CS_OFFL_SIR_FDM_2_20190003T112053_20190003T114010_0001       CPI Backscatter Status Flag, SWH       The status Flag, SWH         CS_OFFL_SIR_FDM_2_20190003T12053_20190003T1421540_0001       CPI Backscatter Status Flag, SWH       The matcr find flag is set by the CPI call, for one or more records, indicating the values stored in facts stit, #22, #33 and #44 should be granter for these records.         CS_OFFL_SIR_FDM_2_20190003T1221540_00003T1421540_0001       CPI Backscatter Status Flag, SWH       The matcr find flag is set by the CPI call, for one or more records, indicating the values stored in facts stit, #22, #33 and #44 should be granter for these records.         CS_OFFL_SIR_FDM_2_20190003T154730_2010000       CPI Backscatter Status Flag, SWH       The matcr find flag is set by the CPI call, for one or more records, indicating the values stored in facts stit, #22, #34 and #44 should be granter for these records.         CS_OFFL_SIR_FDM_2_20190003T154730_C001       CPI Backscatter Status Flag, SWH       The matcr find flag is set by the CPI call, for one or more records, indicating the values stored in facts stit, #22, #34 and #44 should be granter for these records.         CS_OFFL_SIR_FDM_2_20190003T154730_C001       CPI Backscatter Status Flag,	CS_OFFL_SIR_FDM_220190603T102803_20190603T104033_C001	
CS_OFFL_SIR_FDM_2_20190003T111926_00190003T1113121_C001       CFI Backscatter Status Flag, SWH Squared Averaging Status Flag       Image frag is set by the CFI call, for one or more records, microard for these records.         CS_OFFL_SIR_FDM_2_20190003T120513_00190003T12540_C001       CFI Backscatter Status Flag       The master failing is set by the CFI call, for one or more records, microard for these records.         CS_OFFL_SIR_FDM_2_20190003T122513_00190003T121540_C001       CFI Backscatter Status Flag       The master failing is set by the CFI call, for one or more records, microard for these records.         CS_OFFL_SIR_FDM_2_20190003T122513_00190003T121540_C001       CFI Backscatter Status Flag       The master failing is set by the CFI call, for one or more records, microard for these records.         CS_OFFL_SIR_FDM_2_20190003T142518_001       CFI Backscatter Status Flag       The master failing is set by the CFI call, for one or more records, microard for these records.         CS_OFFL_SIR_FDM_2_20190003T144322_0190003T164736_C001       CFI Backscatter Status Flag       The master failing is set by the CFI call, for one or more records, microard for these records.         CS_OFFL_SIR_FDM_2_20190003T164736_C001       CFI Backscatter Status Flag       The master failing is set by the CFI call, for one or more records, microard for these records.         CS_OFFL_SIR_FDM_2_20190003T164736_C001       CFI Backscatter Status Flag, SWH Squared Averaging Status Flag         CS_OFFL_SIR_FDM_2_20190003T164736_C001       CFI Backscatter Status Flag         CFI Backscatter Status Flag       The master	CS_OFFL_SIR_FDM_220190603T111213_20190603T111832_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T11326_20190603T1121640_C001         CFI Backscatter Status Flag, SWH Squared Averaging Status Flag         modcating the values stored in fields 441, 442, 443 and 444 should be gnored for these records.           CS_OFFL_SIR_FDM_2_20190603T12168_20190603T122169_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 441, 442, 443 and 444 should be gnored for these records.           CS_OFFL_SIR_FDM_2_20190603T122168_20190603T12406_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 441, 442, 443 and 444 should be gnored for these records.           CS_OFFL_SIR_FDM_2_20190603T144302_20190603T164760_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 441, 442, 443 and 444 should be gnored for these records.           CS_OFFL_SIR_FDM_2_20190603T164740_20190603T164730_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 441, 442, 443 and 444 should be gnored for these records.           CS_OFFL_SIR_FDM_2_20190603T164740_20190603T164740_20190603T164740_20190603T164740_20190603T164740_20190603T164740_20190603T165420_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 va	CS_OFFL_SIR_FDM_220190603T111926_20190603T113121_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T122158_20190603T122168_20190603T122168_2001         CFI Backscatter Status Flag, SWH Squared Averaging Status Flag         Indicating the values stored in flets #11, #42, #43 and #44 should be ground for these records.           CS_OFFL_SIR_FDM_2_20190603T122168_20190603T123406_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 flets #11, #42, #43 and #44 should be ground for these records.           CS_OFFL_SIR_FDM_2_20190603T143004_20190603T145006_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 flets #11, #42, #43 and #44 should be ground for these records.           CS_OFFL_SIR_FDM_2_20190603T14320_20190603T154708_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 flets #11, #42, #43 and #44 should be ground for these records.           CS_OFFL_SIR_FDM_2_20190603T154740_20190603T154700_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 flets #11, #42, #43 and #44 should be ignored for these records.           CS_OFFL_SIR_FDM_2_20190603T174815_20190603T175355_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 flets #11, #42, #43 and #44 should be ignored for the	CS_OFFL_SIR_FDM_220190603T113326_20190603T114816_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T122158_20190603T122156_001         CFI Backscatter Status Flag         Indicating the values stored in fields #11, #42, #43 and #44 should be growed for these records.           CS_OFFL_SIR_FDM_2_20190603T144322_0190603T144536_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.           CS_OFFL_SIR_FDM_2_20190603T144322_0190603T152130_20190603T154736_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.           CS_OFFL_SIR_FDM_2_20190603T152130_20190603T154736_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.           CS_OFFL_SIR_FDM_2_20190603T154730_C0190603T154736_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.           CS_OFFL_SIR_FDM_2_20190603T175815_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.           CS_OFFL_SIR_FDM_2_20190603T175917_20190603T191556_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.           CS_OFFL_SIR_FDM_2_20190603T1217220_20190603T191556_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.	CS_OFFL_SIR_FDM_220190603T120513_20190603T121540_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T134304_20190603T1441536_C001       CFI Backscatter Status Flag, SWH Squared Averaging Status Flag       Indicating the values stored in fields #11, #42, #43 and #44 should be gnored for these records.         CS_OFFL_SIR_FDM_2_20190603T154230_20190603T154736_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 #11, #42, #43 and #44 should be gnored for these records.         CS_OFFL_SIR_FDM_2_20190603T154730_20190603T154736_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 #11, #42, #43 and #44 should be gnored for these records.         CS_OFFL_SIR_FDM_2_20190603T154740_20190603T154920_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 #11, #42, #43 and #44 should be gnored for these records.         CS_OFFL_SIR_FDM_2_20190603T175917_20190603T160730_C001       CFI Backscatter Status Flag, SWH Squared Averaging Status	CS_OFFL_SIR_FDM_220190603T122158_20190603T123405_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T14322_20190603T150606_C001         CFI Backscatter Status Flag         NMT         Indicating the values stored in fields #1, #22, #43 and #44 should be ignored for these records.           CS_OFFL_SIR_FDM_2_20190603T152130_20190603T154736_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 #1, #42, #43 and #44 should be ignored for these records.           CS_OFFL_SIR_FDM_2_20190603T154736_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 #1, #42, #43 and #44 should be ignored for these records.           CS_OFFL_SIR_FDM_2_20190603T176355_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 #1, #42, #43 and #44 should be ignored for these records.           CS_OFFL_SIR_FDM_2_20190603T175917_20190603T196730_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 #1, #42, #43 and #44 should be ignored for these records.           CS_OFFL_SIR_FDM_2_20190603T196750_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 #1, #42, #43 and #44 should be ignored for these records.           CS_OFFL_SIR_FDM_2_20190603	CS_OFFL_SIR_FDM_220190603T134304_20190603T141536_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T152130_20190603T154736_C001       CPI Backscatter Status Flag       indicating the values stored in fields #41, #42, #43 and #44 should be gnored for these records.         CS_OFFL_SIR_FDM_2_20190603T154740_20190603T154920_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 gnored for these records.         CS_OFFL_SIR_FDM_2_20190603T174815_20190603T175355_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 gnored for these records.         CS_OFFL_SIR_FDM_2_20190603T175917_20190603T191566_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 gnored for these records.         CS_OFFL_SIR_FDM_2_20190603T201934_20190603T201934_20190603T20539_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 gnored for these records.         CS_OFFL_SIR_FDM_2_20190603T2172420_200003T2120539_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 gnored for these records.       The master fail flag is set by	CS_OFFL_SIR_FDM_220190603T144322_20190603T150606_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T154740_20190603T154920_C001       CFI Backscatter Status Flag, SWH Squared Averaging Status Flag       Indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.         CS_OFFL_SIR_FDM_2_20190603T174815_20190603T175355_C001       CFI Backscatter Status Flag, SWH Squared Averaging Stat	CS_OFFL_SIR_FDM_220190603T152130_20190603T154736_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T174815_20190603T175355_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagIndicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.CS_OFFL_SIR_FDM_2_20190603T175917_20190603T180730_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe 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_2_20190603T184104_20190603T191556_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe 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_2_20190603T201934_20190603T2015539_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe 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_2_20190603T211742_20190603T212203_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe 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_2_20190603T212258_20190603T214037_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe 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_2_20190603T222511_20190603T225539_C001CFI Backscatter Status Flag, SWH Squared Averaging	CS_OFFL_SIR_FDM_220190603T154740_20190603T154920_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T175917_20190603T180730_C001       CFI Backscatter Status Flag, SWH squared Averaging Status Flag       indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.         CS_OFFL_SIR_FDM_2_20190603T184104_20190603T191556_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_2_20190603T201934_20190603T205539_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_2_20190603T211742_20190603T21203_C001       CFI Backscatter Status Flag, Sured Averaging Status Flag, Sured 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_2_20190603T222512       CPI Backscatter Status Flag, SWH Squared Averaging Status Flag, SWH       CFI Backscatter Status Flag, SWH Squared Averaging Status Flag, SWH       The	CS_OFFL_SIR_FDM_220190603T174815_20190603T175355_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T184104_20190603T191556_C001CFI Backscatter Status Flag, SWH Squared Averaging Status Flagindicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.CS_OFFL_SIR_FDM_2_20190603T201934_20190603T205539_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe 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_2_20190603T211742_20190603T212203_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe 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_2_20190603T212258_20190603T214037_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe 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_2_20190603T222111_20190603T223539_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe 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_2_20190603T223539_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe 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_2_20190603T23539_2001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe master fa	CS_OFFL_SIR_FDM_220190603T175917_20190603T180730_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T201934_20190603T205539_C001CFI Backscatter Status Flag, SWH Squared Averaging Status Flagindicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.CS_OFFL_SIR_FDM_2_20190603T211742_20190603T212203_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe 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_2_20190603T212258_20190603T212258_20190603T214037_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe 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_2_20190603T222111_20190603T223539_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe 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_2_20190603T223539_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe 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_2_20190603T233829_20190603T235339_C001CFI Backscatter Status Flag, SWH Squared Averaging Status Flag, SWHCS_OFFL_SIR_FDM_2_20190603T235540_20190604T00503_C001CFI Backscatter Status Flag, SWH Squ	CS_OFFL_SIR_FDM_220190603T184104_20190603T191556_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T211742_20190603T212203_C001       CFI BackScatter Status Flag, SWH Squared Averaging Status Flag       indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.         CS_OFFL_SIR_FDM_2_20190603T212258_20190603T212037_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_2_20190603T222111_20190603T223539_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_2_20190603T233829_20190603T235339_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_2_20190603T233829_20190603T235339_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_2_20190603T235540_20190604T00503_C001       CFI Backscatter Status Flag, SWH Squared Averaging Status Flag, SWH Squared Averaging Status Flag, SWH       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	CS_OFFL_SIR_FDM_220190603T201934_20190603T205539_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T212258_20190603T214037_C001       CFI Backscatter Status Flag, SWH Squared Averaging Status Flag       indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.         CS_OFFL_SIR_FDM_2_20190603T222111_20190603T223539_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_2_20190603T233829_20190603T235339_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_2_20190603T235309_C001       CFI Backscatter Status Flag, SWH Squared Averaging Status Flag, SWH       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_2_20190603T235540_20190604T000503_C001       CFI Backscatter Status Flag, SWH Squared Averaging Status Flag, SWH       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_220190603T211742_20190603T212203_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T222111_20190603T223539_C001       CFI Backscatter Status Flag, SWH Squared Averaging Status Flag       indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.         CS_OFFL_SIR_FDM_2_20190603T233829_20190603T235339_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_2_20190603T235540_20190604T000503_C001       CFI Backscatter Status Flag, SWH Squared Averaging Status Flag, SWH       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_220190603T212258_20190603T214037_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20190603T233829_20190603T235339_C001 CS_OFFL_SIR_FDM_2_20190603T235540_20190604T000503_C001 CFI Backscatter Status Flag, SWH CFI Backscatter Status Flag, SWH CFI Backscatter Status Flag, SWH CFI Backscatter Status Flag, SWH	CS_OFFL_SIR_FDM_220190603T222111_20190603T223539_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_220190603T235540_20190604T000503_C001 CFI Backscatter Sitatus Flag, SWH indicating the values stored in fields #41, #42, #43 and #44 should be	CS_OFFL_SIR_FDM_220190603T233829_20190603T235339_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
	CS_OFFL_SIR_FDM_220190603T235540_20190604T000503_C001	indicating the values stored in fields #41, #42, #43 and #44 should be

## 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.

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220190603T000220_20190603T001327_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_220190603T002953_20190603T004348_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_220190603T004528_20190603T010014_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_220190603T012217_20190603T012926_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_220190603T013050_20190603T013600_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_220190603T013754_20190603T015406_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_220190603T024340_20190603T024441_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_220190603T025927_20190603T033315_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_220190603T034835_20190603T041239_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_220190603T044129_20190603T045555_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_220190603T050132_20190603T051147_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_220190603T052712_20190603T054106_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_220190603T054133_20190603T054719_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_220190603T054745_20190603T055253_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_220190603T061715_20190603T065056_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_220190603T071000_20190603T071255_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_220190603T071427_20190603T072001_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_220190603T074039_20190603T074435_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_220190603T075502_20190603T080603_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_220190603T080850_20190603T083005_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_20190603T085913_20190603T090630_C001	cean 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_220190603T090715_20190603T091146_C001	cean 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_220190603T093348_20190603T100903_C001	cean 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_220190603T102803_20190603T104033_C001	cean 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_220190603T104044_20190603T105805_C001	cean 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_220190603T111213_20190603T111832_C001	cean 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_220190603T111926_20190603T113121_C001	cean 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_220190603T113326_20190603T114816_C001	cean 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_220190603T120513_20190603T121540_C001	cean 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_220190603T122158_20190603T123405_C001	cean 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_220190603T134304_20190603T141536_C001	cean 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_220190603T144322_20190603T150606_C001	cean 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_220190603T152130_20190603T154736_C001	cean 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_220190603T154740_20190603T154920_C001	cean 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_220190603T162055_20190603T164612_C001	cean 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_220190603T171727_20190603T173504_C001	cean 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_220190603T174815_20190603T175355_C001	cean 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_220190603T175917_20190603T180730_C001	cean 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_220190603T184104_20190603T191556_C001	cean 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_220190603T192659_20190603T192819_C001	cean 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_220190603T201934_20190603T205539_C001	cean 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_220190603T211742_20190603T212203_C001 O	cean 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_220190603T212258_20190603T214037_C001	cean 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_220190603T222111_20190603T223539_C001	cean 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_220190603T230724_20190603T232123_C001 0	cean 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_220190603T233829_20190603T235339_C001	cean 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_220190603T235540_20190604T000503_C001	cean 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
SIR_FDM_1B	139	81	81	0	0
SIR_FDM_2	138	68	68	0	0
7.1 QCC Errors					
lumber of QCC reports with er	rors:	0			
7.2 QCC Warnings					
Number of QCC reports with w	arnings	0			
7.3 Missing QCC Repo	orts				
lumber of products with missi	ng QCC reports: 25	5			