

# IDEAS+ Daily Report for FDM data:

# 27/04/2018

See Section 5.7, 6.5, 6.6, 6.7 and 6.8



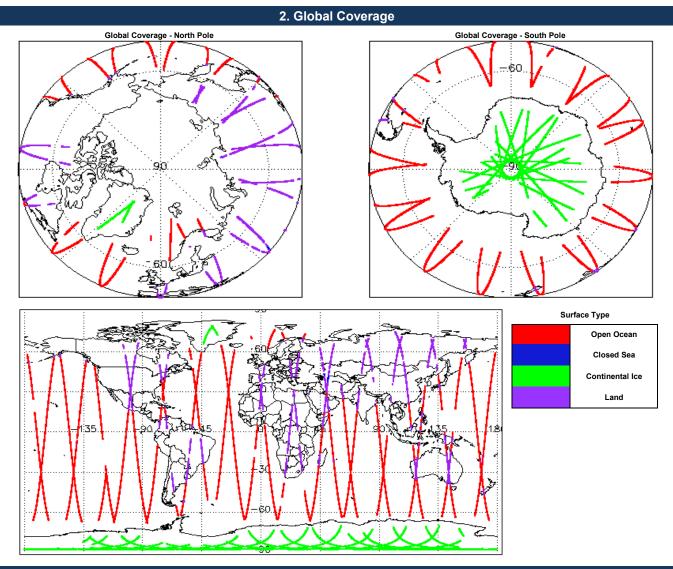
Report Production Date:         30-Apr-2018         Server check: science-pds.cryosat.esa.int           Processor Used:         CryoSat Ice Processor         Server check: calval-pds.cryosat.esa.int           Product Software Check         Product Software Check	Nominal Nominal Nominal
Processor Used: CrvoSat Ice Processor	
Product Software Check	Nominal
Data Used: L1 and L2 Fast Delivery Marine (FDM) Product Format Check	Nominal
Mode and L0 Data Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 6.4

Measurement Confidence Data Check

ion / Instru	iment News
Apr-2018	SIRAL unavailability on 26-Apr-2018 from 03:35:19 to 04:44:35 due to a planned orbit manoeuvre.
Apr-2018	None

#### 27-A 28-Apr-2018 Nothing planned

Missio 26-A



## 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).

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:

0

Product	Test Failed		
CS_OPER_SIR1SAR_020180427T014814_20180427T015047_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR1SAR_020180427T151244_20180427T151525_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR1SAR_020180427T024146_20180427T024933_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR1SAR_020180427T173156_20180427T173822_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR1SIN_020180427T191817_20180427T191939_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR1SIN_020180427T143229_20180427T143435_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR1SIN_020180427T105147_20180427T105310_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR1SIN_020180427T110753_20180427T110906_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR2SIN_020180427T122907_20180427T123433_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR2SIN_020180427T001938_20180427T002228_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR2SIN_020180427T091505_20180427T091918_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR2SIN_020180427T223657_20180427T224147_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR2SIN_020180427T212023_20180427T212329_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

2

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

# Number of products with errors:

#### 5.3 L1B FDM Star Tracker Usage Check

Each product is checked in order to ensure a valid star tracker file has been used in processing.

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20180427T005525_20180427T005527_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20180427T023201_20180427T023331_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. 0

Number of products with errors:

#### 5.5 L1B FDM Auxilary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors:

# 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.

0

2

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_20180427T005525_20180427T005527_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20180427T023201_20180427T023331_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:

Number of products with errors:

Number of products with errors:

#### 6.2 L2 FDM Product Header Analysis

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

#### 6.3 L2 FDM Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.

## 6.4 L2 FDM Auxiliary Correction Error Check

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

34

SG, OFFL, SR, FDM, 2, 201804271003202, 20180427100304, 4001     See State Bias Correction, Allimetic Wind Speed     There is a nerror with the Allimetic Wind Speed and See State Bias       CG, OFFL, SR, FDM, 2, 20180427102314, 20180427102373, 20180427102373, 20180427102374, 20180427103742, 200180427103742, 200180427103742, 200180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427110374, 20180427111374, 20180427111374, 20180427111374, 20180427111374, 20180427111374, 20180427111374, 201804271113743, 201804271113743, 201804271113743, 20180427111374, 201804271113	Product	Test Failed	Description
Sac State Bias Correction, Almetric       There is an errow thith e Almetric Wind Speed         CS_OFFL_SIR_FDM_220180427T002342_0180427T002746_C001       Sac State Bias Correction, Almetric         CS_OFFL_SIR_FDM_220180427T002342_0180427T002373_C001       Sac State Bias Correction, Almetric         CS_OFFL_SIR_FDM_220180427T002342_0180427T002324_C001       Sac State Bias Correction, Almetric         CS_OFFL_SIR_FDM_220180427T002342_0180427T002324_C001       Sac State Bias Correction, Almetric         CS_OFFL_SIR_FDM_20180427T002342_0180427T002324_C001       Sac State Bias Correction, Almetric         CS_OFFL_SIR_FDM_220180427T002342_0180427T002342_0001       Sac State Bias Correction, Almetric         CS_OFFL_SIR_FDM_220180427T002342_0180427T002342_0001       Sac State Bias Correction, Almetric         CS_OFFL_SIR_FDM_220180427T002342_0180427T002342_0001       Sac State Bias Correction, Almetric         CS_OFFL_SIR_FDM_220180427T002342_001       Sac State Bias Correction, Almetric         CS_OFFL_SIR_FDM_220180427T00331_20180427T00372_001       Sac State Bias Correction, Almetric         CS_OFFL_SIR_FDM_220180427T00402_20180427T00142_001       Sac State Bias Correction, Almetric         CS_OFFL_SIR_FDM_220180427T00472_0142_001       Sac State Bias Correction, Almetric         Vind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_220180427T10471_0142_001       Sac State Bias Correction, Almetric         Vind Speed <td>CS_OFFL_SIR_FDM_220180427T002302_20180427T005044_C001</td> <td></td> <td></td>	CS_OFFL_SIR_FDM_220180427T002302_20180427T005044_C001		
CS_OFFL_SIR_FDM_2_201804271020131_20180427102048_001 Wind Speed CS_OFFL_SIR_FDM_2_20180427102042_0100 See State Bias Correction, Attentic CS_OFFL_SIR_FDM_2_20180427102042_001 See State Bias Correction, Attentic CS_OFFL_SIR_FDM_2_20180427110204_001 See State Bias Correction, Attentic CS_OFFL_SIR_FDM_2_20180427110242_001 See State Bias Correction, Attentic CS_OFFL_SIR_FDM_2_20180427111012_0180427110420_001 See State Bias Correction, Attentic CS_OFFL_SIR_FDM_2_201804271140120_001 See State Bias Correction, Attentic CS_OFFL_SIR_FDM_2_201804271140120_01804271140120_001 See State Bias Correction, Attentic CS_OFFL_SIR_FDM_2_201804271140120_001 See State Bias Correction, Attentic CS_OFFL_SIR_FDM_2_20180427114020_001 See State Bias Correction There is a nerrow thin & Attentic Wind Speed and Sea S	CS_OFEL_SIR_EDM_220180427T013149_20180427T014814_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Scy. DFL Silk FDM 2018942710231_20189427103731_0001         Wind Speed         Correction. Atlinetic           Sci. OFFL_SIR_FDM 20189427102342_01894271032731_0001         Sea State Bias Correction. Atlinetic           Sci. OFFL_SIR_FDM 201894271002745_01894271032731_0001         Sea State Bias Correction. Atlinetic           CSI_ OFFL_SIR_FDM 201894271002745_0189427103284_0001         Sea State Bias Correction. Atlinetic           Wind Speed         Sea State Bias Correction. Atlinetic           CSI_ OFFL_SIR_FDM 20189427106775.5 0189427108787_0001         Sea State Bias Correction. Atlinetic           Wind Speed         Sea State Bias Correction. Atlinetic           CSI_ OFFL_SIR_FDM 20189427108775.5 0189427108777_0001         Sea State Bias Correction. Atlinetic           Wind Speed         Sea State Bias Correction. Atlinetic           CSI_ OFFL_SIR_FDM 201894271087070_001         Sea State Bias Correction. Atlinetic           CSI_ OFFL_SIR_FDM 20189427108978_00118_0001         Sea State Bias Correction. Atlinetic           CSI_ OFFL_SIR_FDM 2018942710872100178_0001         Sea State Bias Correction. Atlinetic           Correction for one or more records         Sca State Bias Correction. Atlinetic           Correction for one or more records         Sca State Bias Correction. Atlinetic           Correction for one or more records         Sca State Bias Correction. Atlinetic           Correction for one or more records <t< td=""><td></td><td></td><td></td></t<>			
CS_DFL_SIR_FDM_2_01994/7102342_01994/7102342_001         Wind Speed         Carrecton, Almetric           CS_OFFL_SIR_FDM_2_01994/7102342_01994/7105353_0001         Sea State Bias Correction, Almetric           Wind Speed         Correcton, Almetric         Carrecton Almetric           Wind Speed         Correcton, Almetric         Correcton, Almetric           Wind Speed         Correcton, Almetric         Correcton, Almetric           Wind Speed         Correcton, Almetric         Correcton, Almetric           CS_OFFL_SIR_FDM_2_0196427106278_0196427106079_0001         Sea State Bias Correction, Almetric         There is an error with the Almetric Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_0196427106099_02196427106079_0001         Sea State Bias Correction, Almetric         There is an error with the Almetric Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_0196427106079_021964271000718_0001         Sea State Bias Correction, Almetric         There is an error with the Almetric Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_0196427100718_0001         Sea State Bias Correction, Almetric         There is an error with the Almetric Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_0196427110711_0196427101027_0011         Sea State Bias Correction, Almetric         There is an error with the Almetric Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_0196427110711_01964627110728_0001         Sea State Bias Correction, Almetric         There is an error with t	CS_OFFL_SIR_FDM_2201804271020131_201804271020748_C001	Wind Speed	Correction for one or more records
US_DFFL_SIR_FDM_2_01990/21109/21109/21109/21109/22100         Wind Speed         There is an error with the Attenetic Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_0190/21109/201	CS_OFFL_SIR_FDM_220180427T025342_20180427T032731_C001		
CS_OFFL_SIR_FDM_2_20180427T06224_20180427T062824_C001       See Slate Bias Correction, Altimetric       Correction for one more records         CS_OFFL_SIR_FDM_2_20180427T062828_20180427T064519_C001       See Slate Bias Correction, Altimetric       Correction for one more records         CS_OFFL_SIR_FDM_2_20180427T062828_20180427T080707_C001       See Slate Bias Correction, Altimetric       Correction for one more records         CS_OFFL_SIR_FDM_2_20180427T080707_C001       See Slate Bias Correction, Altimetric       Correction for one or more records         CS_OFFL_SIR_FDM_2_20180427T080315_20180427T08072_C001       Wind Speed       Correction, Altimetric         CS_OFFL_SIR_FDM_2_20180427T090315_20180427T09072_C001       See Slate Bias Correction, Altimetric       There is a more with the Altimetric Wind Speed and See Slate Bias         CS_OFFL_SIR_FDM_2_20180427T090315_20180427T09072_C001       See Slate Bias Correction, Altimetric       There is a more with the Altimetric Wind Speed         CS_OFFL_SIR_FDM_2_20180427T10171_20180427T101022_C001       See Slate Bias Correction, Altimetric       There is a more with the Altimetric Wind Speed         CS_OFFL_SIR_FDM_2_20180427T115745_20180427T114285_C001       See Slate Bias Correction, Altimetric       There is a more with the Altimetric Wind Speed and See Slate Bias         CS_OFFL_SIR_FDM_2_20180427T114281_20180427T114280_C001       See Slate Bias Correction, Altimetric       There is a more with the Altimetric Wind Speed and See Slate Bias         CS_OFFL_SIR_FDM_2_20180427T116438_20180427T1142	CS_OFFL_SIR_FDM_220180427T043215_20180427T050553_C001		
CS_OFFL_SIR_FDM_2_201804271062028_20180427106429_0001         See State Bas Correction, Attimetic Wind Speed         There is an error with the Attimetic Wind Speed and See State Bias           CS_OFFL_SIR_FDM_2_20180427108003_01804271080470         See State Bas Correction, Attimetic Wind Speed         Correction for one or more records         Correction for one or more records           CS_OFFL_SIR_FDM_2_20180427108015_0180427108017_0001         See State Bas Correction, Attimetic Wind Speed         Correction for one or more records         Correction for one or more records           CS_OFFL_SIR_FDM_2_20180427109072_0190027_0001         See State Bas Correction         There is an error with the Attimetic Wind Speed wind Speed         Correction for one or more records           CS_OFFL_SIR_FDM_2_20180427110711_018042711022_0011         See State Bas Correction, Attimetic Wind Speed         There is an error with the Attimetic Wind Speed and See State Bias           CS_OFFL_SIR_FDM_2_20180427114254_0180427114258_0011         See State Bas Correction, Attimetic Wind Speed         There is an error with the Attimetic Wind Speed and See State Bias           CS_OFFL_SIR_FDM_2_20180427114254_0180427114258_0011         See State Bas Correction, Attimetic Wind Speed         There is an error with the Attimetic Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_20180427114254_0180427114254_0011         See State Bas Correction, Attimetic Wind Speed         There is an error with the Attimetic Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_201804277114256_0180427114257_001         See State Bas	CS_OFFL_SIR_FDM_220180427T062745_20180427T062924_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20180427105735_201804271080707_0001         Sea State Bias Correction, Altimetric         There is an error with the Altimetric Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_20180427108035_201804271080718_C001         Sea State Bias Correction, Altimetric         There is an error with the Altimetric Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_201804271080722_20180427108072_C001         Sea State Bias Correction, Altimetric         There is an error with the Altimetric Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_201804271080722_00180427109324_C001         Sea State Bias Correction, Altimetric         There is an error with the Altimetric Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_20180427110711_201804271104250_C001         Sea State Bias Correction, Altimetric         There is an error with the Altimetric Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_20180427111701_201804271142582_0001         Sea State Bias Correction, Altimetric         There is an error with the Altimetric Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_201804271125442_201804271142582_0001         Sea State Bias Correction, Altimetric         There is an error with the Altimetric Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_201804271142492_01804271142582_001         Sea State Bias Correction, Altimetric         There is an error with the Altimetric Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_20180427114249_0180427114257         Sea State Bias Correction, Altimetric         There is an eror with the Altimetric Wind Speed and Sea State Bi	CS_OFFL_SIR_FDM_220180427T062928_20180427T064519_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20180427708099_201804277082425_C001       Sea State Bias Correction, Atlimetic       There is an error with the Atlimetic Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201804277090718_C001       Sea State Bias Correction, Atlimetic       There is an error with the Atlimetic Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201804277109072_201804277109027_C001       Sea State Bias Correction, Atlimetic       There is an error with the Atlimetic Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_2018042771091027_C001       Sea State Bias Correction, Atlimetic       There is an error with the Atlimetic Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_2018042771011_201804277104220_C001       Sea State Bias Correction, Atlimetic       There is an error with the Atlimetic Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201804277112714_228_C001       Sea State Bias Correction, Atlimetic       There is an error with the Atlimetic Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_2018042771132258_C001       Sea State Bias Correction, Atlimetic       There is an error with the Atlimetic Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201804277114242_201804277114258_C001       Sea State Bias Correction, Atlimetic       There is an error with the Atlimetic Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427714542_20180427714542_C001       Sea State Bias Correction, Atlimetic       There is an error with the Atlimetic Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_2018042771145742_201804277145742_C01804277145742_C018	CS_OFEL_SIR_EDM_2_20180427T075735_20180427T080707_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wild Speed       Correction frome ecodes         CS_OFFL_SIR_FDM_2_00180427T090315_0180427T090722_00180427T091027_C001       See State Bias Correction, Attimetic         Vind Speed       See State Bias Correction, Attimetic         Vind Speed       See State Bias Correction, Attimetic         CS_OFFL_SIR_FDM_2_00180427T091027_20180427T1010324_C001       See State Bias Correction, Attimetic         See State Bias Correction, Attimetic       The See State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_00180427T101711_20180427T1142542_0001       See State Bias Correction, Attimetic         See State Bias Correction, Attimetic       The See State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_00180427T1132569_20180427T1142544_20180427T1142544_20180427T1142545_0001       See State Bias Correction, Attimetic         Vind Speed       See State Bias Correction, Attimetic       The See State Bias Correction, Attimetic         CS_OFFL_SIR_FDM_2_0180427T145359_20180427T142517_0001       See State Bias Correction, Attimetic       The See State Bias Correction         CS_OFFL_SIR_FDM_2_0180427T1526_20180427T115271457145001       See State Bias Correction       The See State Bias Correction         CS_OFFL_SIR_FDM_2_0180427T11526_20180427T1152714001       See State Bias Correction       Correction for one or more records         CS_OFFL_SIR_FDM_2_0180427T11528_20180427T115439_00100427T115439_00100427T115439_00180427T115439_00100427T115439_00100427T115439_00100427T115439_00100			
CS_OFFL_SIR_FDM_2_00160427109072_20160427109102_0001         Wind Speed         Correction for one or more records           CS_OFFL_SIR_FDM_2_00160427109102_0010         Sea State Bias Correction         Correction for one or more records           CS_OFFL_SIR_FDM_2_001604271109102_0001         Sea State Bias Correction         Correction for one or more records           CS_OFFL_SIR_FDM_2_00160427110711_20180427110420_0001         Sea State Bias Correction, Altimetic         There is a nerror with the Sea State Bias Correction for one or more records           CS_OFFL_SIR_FDM_2_001804271117011_20180427114254_0001         Sea State Bias Correction, Altimetic         There is a nerror with the Altimetic Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_01804271142542_01804271142542_0001         Sea State Bias Correction, Altimetic         There is a nerror with the Altimetic Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_01804271143359_01804271142501_0001         Sea State Bias Correction, Altimetic         There is a nerror with the Altimetic Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_01804277115526_01804277145271_0001         Sea State Bias Correction, Altimetic         There is a nerror with the Altimetic Wind Speed and Sea State Bias           CS_OFFL_SIR_FDM_2_01804277115526_018042771153743_0001         Sea State Bias Correction, Altimetic         There is a nerror with the Sea State Bias Correction           CS_OFFL_SIR_FDM_2_0180427716282_0180427716439_01004         Sea State Bias Correction         There is a nerror with the Sea State Bias C	CS_0FFL_SIR_FDM_2201804271080909_201804271082425_C001		
CS_OFFL_SIR_FDM_2_20180427109/02_C001         Wind Speed         Correction for one or more records           CS_OFFL_SIR_FDM_2_201804271004252_0001         See State Bias Correction, Altimetric         There is an error with the Altimetric Wind Speed and See State Bias Correction, Altimetric           CS_OFFL_SIR_FDM_2_20180427110711_201804271114258_C001         See State Bias Correction, Altimetric         There is an error with the Altimetric Wind Speed and See State Bias           CS_OFFL_SIR_FDM_2_201804271132544_20180427113258_C001         See State Bias Correction, Altimetric         There is an error with the Altimetric Wind Speed and See State Bias           CS_OFFL_SIR_FDM_2_20180427113259_20180427114024_C001         See State Bias Correction, Altimetric         There is an error with the Altimetric Wind Speed and See State Bias           CS_OFFL_SIR_FDM_2_201804271142339_201804271142517_C001         See State Bias Correction, Altimetric         There is an error with the Altimetric Wind Speed and See State Bias           CS_OFFL_SIR_FDM_2_201804271145427_20180427114547_C001         See State Bias Correction, Altimetric         There is an error with the Altimetric Wind Speed and See State Bias           CS_OFFL_SIR_FDM_2_201804271154542_00180427114547_20101         See State Bias Correction         There is an error with the See State Bias Correction           CS_OFFL_SIR_FDM_2_201804271154262_001         See State Bias Correction         There is an error with the See State Bias Correction           CS_OFFL_SIR_FDM_2_20180427116429_20180427116439_201001         See State Bias Cor	CS_OFFL_SIR_FDM_220180427T090315_20180427T090718_C001	Wind Speed	Correction for one or more records
CS_UFFL_SIR_FDM_2_20180427110120180427110220_001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_2018042711120180427114258_0001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_2018042711125442_0180427114258_0001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201804271142549_0180427114258_0001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201804271142339_0180427114237_0001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201804271145427_01804271145427_0010       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201804271145427_01804271145427_0010       Sea State Bias Correction       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_201804271145429_01804271145434_0001       Sea State Bias Correction       There is an error with the Altimetric Wind Speed         CS_OFFL_SIR_FDM_2_20180427116249_20180427116283_0001       Sea State Bias Correction       There is an error with the State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20180427116284_00100427116284_0001	CS_OFFL_SIR_FDM_220180427T090722_20180427T091027_C001		
CS_OFFL_SIR_FDM_2_20180427T1071_20180427T114258_C001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_20180427T111701_20180427T114258_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T132558_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T133559_20180427T142267       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T142339_20180427T142517_C001       Sea State Bias Correction, Altimetric       Correction for one or more records         CS_OFFL_SIR_FDM_2_20180427T15526_20180427T153743_C001       Sea State Bias Correction       Correction for one or more records         CS_OFFL_SIR_FDM_2_20180427T16249_20180427T164394_C001       Sea State Bias Correction       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T16249_20180427T162636_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_20180427T16249_20180427T162636_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_20180427T16249_20180427T162639_C001       Sea State Bias Correction       There is an error with the Altimetric Wind Speed and Sea State	CS_OFFL_SIR_FDM_220180427T094658_20180427T100324_C001	Sea State Bias Correction	
CS_OFFL_SIR_FDM_2_20180427T111201_80427T114258_C001See State Bias Correction, Altimetric Wind Speed and See State Bias Correction for one or more recordsCS_OFFL_SIR_FDM_2_20180427T125442_20180427T132258_C001See State Bias Correction, Altimetric Wind SpeedThere is an error with the Altimetric Wind Speed and See State Bias Correction for one or more recordsCS_OFFL_SIR_FDM_2_20180427T142542_20180427T141024_C001See State Bias Correction, Altimetric Wind SpeedThere is an error with the Altimetric Wind Speed and See State Bias Correction for one or more recordsCS_OFFL_SIR_FDM_2_20180427T14527_20180427T14527_C001See State Bias Correction, Altimetric Wind SpeedThere is an error with the Altimetric Wind Speed and See State Bias Correction for one or more recordsCS_OFFL_SIR_FDM_2_20180427T1522_001See State Bias Correction Wind SpeedThere is an error with the See State Bias Correction for one or more recordsCS_OFFL_SIR_FDM_2_20180427T1522_0180427T15493_C001See State Bias Correction There is an error with the Sea State Bias Correction for one or more recordsCS_OFFL_SIR_FDM_2_20180427T16249_20180427T162636_C001See State Bias Correction There is an error with the Sea State Bias Correction for one or more recordsCS_OFFL_SIR_FDM_2_20180427T16249_20180427T162636_C001Sea State Bias Correction, Altimetric Wind SpeedCS_OFFL_SIR_FDM_2_20180427T16249_20180427T162636_C001Sea State Bias Correction, Altimetric Wind SpeedCS_OFFL_SIR_FDM_2_20180427T16249_20180427T16249_20180427T16249_20180427T16249_20180427T16249_20180427T16249_20180427T16249_20180427T16249_20180427T16249_20180427T16249_20180427T16249_20180427T16249_20180427T16249_20180427T16249_20180427T16249_20180427T16249_20180427T16249_201	CS_OFFL_SIR_FDM_220180427T101711_20180427T104220_C001	-	
CS_OFFL_SIR_FDM 2_20180427T152442_20180427T13259_C001       See State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM 2_20180427T133559_20180427T141024_C001       See State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM 2_20180427T142339_20180427T142517_C001       See State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM 2_20180427T145272_C010       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM 2_20180427T145272_C010       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM 2_20180427T16526_20180427T15434_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_20180427T162149_20180427T162636_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_20180427T162824_20180427T162839_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM 2_20180427T162824_20180427T162830_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM 2_20180427T1745	CS_OFFL_SIR_FDM_220180427T111701_20180427T114258_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20180427T133559_20180427T141024_C001       Sea State Bias Correction, Atlimetric       There is an error with the Atlimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T142339_20180427T142517_C001       Sea State Bias Correction, Atlimetric       There is an error with the Atlimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T145427_20180427T145722_C001       Sea State Bias Correction, Atlimetric       There is an error with the Atlimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T15526_20180427T153743_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_20180427T154029_20180427T154934_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_20180427T162149_20180427T162636_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_20180427T162824_20180427T164109_C001       Sea State Bias Correction, Atlimetric       There is an error with the Atlimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T170349_20180427T17039_C001       Sea State Bias Correction, Atlimetric       There is an error with the Atlimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T170349_20180427T172713_C001       Sea State Bias Correction, Atlimetric       There is an error with the Atlimetric Wind Speed and Sea State Bias         C	CS_OFFL_SIR_FDM_220180427T125442_20180427T132258_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20180427T142339_20180427T142517_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T145427_20180427T145722_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T151526_20180427T154734_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_20180427T162149_20180427T162636_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_20180427T162149_20180427T162636_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_20180427T16284_20180427T162636_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_20180427T16284_20180427T162039_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T174527_20180427T172713_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T174527_20180427T185202_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_O	CS OFFL SIR FDM 2 20180427T133559 20180427T141024 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20180427T145427_20180427T145722_C001 Sea State Bias Correction, Attimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T151526_20180427T153743_C001 Sea State Bias Correction CS_OFFL_SIR_FDM_2_20180427T154029_20180427T154934_C001 Sea State Bias Correction CS_OFFL_SIR_FDM_2_20180427T162149_20180427T162636_C001 Sea State Bias Correction CS_OFFL_SIR_FDM_2_20180427T162824_20180427T164109_C001 Sea State Bias Correction CS_OFFL_SIR_FDM_2_20180427T162839_20180427T164109_C001 Sea State Bias Correction, Attimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T162839_20180427T164109_C001 Sea State Bias Correction, Attimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T162839_20180427T170039_C001 Sea State Bias Correction, Attimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T170049_20180427T172713_C001 Sea State Bias Correction, Attimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T17049_20180427T172713_C001 Sea State Bias Correction, Attimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T174527_20180427T174527_20180427T1785002_C001 Sea State Bias Correction, Attimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T174527_20180427T185202_C001 Sea State Bias Correction, Attimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T18435_20180427T185202_C001 Sea State Bias Correction, Attimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T185642_20180427T185202_C001 Sea State Bias Correction, Attimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T185642_20180427T190343_C001 Sea State Bias Correction, Attimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T192518_20180427T192540_20180427T19540_20180427T192540_20180427T19540_201407 Sea State	CS OFFL SIR FDM 2 20180427T142339 20180427T142517 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20180427T151526_20180427T153743_C001 Sea State Bias Correction CS_OFFL_SIR_FDM_2_20180427T154029_20180427T154034_C001 Sea State Bias Correction CS_OFFL_SIR_FDM_2_20180427T162149_20180427T162636_C001 Sea State Bias Correction CS_OFFL_SIR_FDM_2_20180427T162824_20180427T162636_C001 Sea State Bias Correction CS_OFFL_SIR_FDM_2_20180427T162824_20180427T164109_C001 Sea State Bias Correction CS_OFFL_SIR_FDM_2_20180427T165439_20180427T164109_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T165439_20180427T170039_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T170049_20180427T17713_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T177049_20180427T1781813_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T178527_20180427T181613_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T1785642_20180427T185642_20180427T185642_20180427T190343_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T185642_20180427T190343_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T185642_20180427T190343_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T192518_20180427T190343_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T192518_0180427T190343_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T194704_20180427T190343_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T194704_20180427T195800_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T194704_20180427T195800_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T194704_20180427T195800_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T19404_20180427T195800_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180427T194004_20180427T195800_			
CS_OFFL_SIR_FDM_2_201804271151526_201804271153743_C001       See State Bias Correction       records         CS_OFFL_SIR_FDM_2_20180427T154029_20180427T154034_C001       See State Bias Correction       There is an error with the Sea State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20180427T162824_20180427T162636_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_20180427T162824_20180427T16409_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T170049_20180427T172713_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T170049_20180427T172713_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T174527_20180427T181613_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T185642_20180427T19343_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T185642_20180427T190343_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T192518_20180427T190343_C001			
CS_OFFL_SIR_FDM_2_20180427T194029_20180427T162636_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_20180427T162824_20180427T162836_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_20180427T162824_20180427T164109_C001       Sea State Bias Correction, Attimetric       There is an error with the Sea State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20180427T165439_20180427T170039_C001       Sea State Bias Correction, Attimetric       There is an error with the Attimetric Wind Speed and Sea State Bias Correction, Attimetric         CS_OFFL_SIR_FDM_2_20180427T170049_20180427T172713_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_20180427T174527_20180427T181613_C001       Sea State Bias Correction, Attimetric Wind Speed and Sea State Bias Correction for one or more records       There is an error with the Attimetric Wind Speed and Sea State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20180427T185642_20180427T19343_C001       Sea State Bias Correction, Attimetric Wind Speed and Sea State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20180427T192518_20180427T192044_C001       Sea State Bias Correction, Attimetric Wind Speed and Sea State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20180427T1920840_C001       Sea State Bias Correction, Attimetri	CS_OFFL_SIR_FDM_2201804271151526_201804271153743_C001	Sea State Bias Correction	records
CS_OFFL_SIR_FDM_2_20180427T162149_20180427T162636_C001       Sea State Bias Correction       records         CS_OFFL_SIR_FDM_2_20180427T162824_20180427T164109_C001       Sea State Bias Correction       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T165439_20180427T170039_C001       Sea State Bias Correction, Atimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T170049_20180427T172713_C001       Sea State Bias Correction, Atimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T174527_20180427T174513_C001       Sea State Bias Correction, Atimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T174527_20180427T18502_C001       Sea State Bias Correction, Atimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T185642_20180427T185202_C001       Sea State Bias Correction, Atimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T192518_20180427T190343_C001       Sea State Bias Correction, Atimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T192518_20180427T194044_C001       Sea State Bias Correction, Atimetric       There is an error with the Atimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194044_C001       Sea State Bias Correction, Atimetric	CS_OFFL_SIR_FDM_220180427T154029_20180427T154934_C001	Sea State Bias Correction	records
CS_OFFL_SIR_FDM_2_20180427T162824_20180427T164109_C001       Sea State Bias Correction       records         CS_OFFL_SIR_FDM_2_20180427T165439_20180427T170039_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T170049_20180427T172713_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T174527_20180427T181613_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T183435_20180427T185202_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T185642_20180427T190343_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T192518_20180427T194044_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194704_20180427T195840_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194704_20180427T195840_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194704_20180427T195840_C001	CS_OFFL_SIR_FDM_220180427T162149_20180427T162636_C001	Sea State Bias Correction	records
CS_OFFL_SIR_FDM_2_201804271195439_201804271170039_C001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_20180427T170049_20180427T172713_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T174527_20180427T174527_20180427T181613_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T183435_20180427T185022_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T185642_20180427T185022_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T192518_20180427T190343_C001       Sea State Bias Correction       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T192518_20180427T194044_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194704_20180427T195840_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194704_20180427T195840_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194704_20180427T195	CS_OFFL_SIR_FDM_220180427T162824_20180427T164109_C001	Sea State Bias Correction	
CS_OFFL_SIR_FDM_2_201804271174527_201804277181613_C001       Wind Speed       Correction for one or more records         CS_OFFL_SIR_FDM_2_20180427T174527_20180427T181613_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T183435_20180427T185202_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T185642_20180427T190343_C001       Sea State Bias Correction, Altimetric       There is an error with the Sa State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20180427T192518_20180427T194044_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T192518_20180427T194044_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194044_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194044_20180427T195840_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         Correction for one or more records       Sea State Bias Correction, A	CS_OFFL_SIR_FDM_220180427T165439_20180427T170039_C001		
CS_OFFL_SIR_FDM_2_20180427T174527_20180427T181613_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_20180427T183435_20180427T185202_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_20180427T185642_20180427T190343_C001       Sea State Bias Correction       There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records         CS_OFFL_SIR_FDM_2_20180427T192518_20180427T190343_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_20180427T192518_20180427T192580_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_20180427T194704_20180427T195840_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_20180427T194704_20180427T195840_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_20180427T194704_20180427T192830_C001       Sea State Bias Corr	CS_OFFL_SIR_FDM_220180427T170049_20180427T172713_C001		
CS_OFFL_SIR_FDM_2_20180427T183435_20180427T185202_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T185642_20180427T190343_C001       Sea State Bias Correction       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T192518_20180427T194044_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194044_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194044_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194044_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194044_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194044_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194044_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias         CS_OFFL_SIR_FDM_2_20180427T194044_C001       Sea State Bias Correction, Altimetric	CS_OFFL_SIR_FDM_220180427T174527_20180427T181613_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20180427T185642_20180427T190343_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_20180427T192518_20180427T194044_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_20180427T194704_20180427T195840_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_20180427T194704_20180427T195840_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_20180427T201340_20180427T202830_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_220180427T183435_20180427T185202_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20180427T192518_20180427T194044_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_20180427T194704_20180427T195840_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_20180427T194704_20180427T195840_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_20180427T201340_20180427T202830_C001       Sea State Bias Correction, Altimetric       There is an error with the Altimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220180427T185642_20180427T190343_C001		There is an error with the Sea State Bias Correction for one or more
CS_OFFL_SIR_FDM_2_20180427T194704_20180427T195840_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed Altimetric	CS_OFFL_SIR_FDM_220180427T192518_20180427T194044_C001	-	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFEL_SIR_FDM_2_201804277201340_201804277202830_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220180427T194704_20180427T195840_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
	CS_OFFL_SIR_FDM_220180427T201340_20180427T202830_C001		
CS_OFFL_SIR_FDM_2_20180427T203145_20180427T204541_C001 Sea State Bias Correction for one or more records	CS_OFFL_SIR_FDM_220180427T203145_20180427T204541_C001		There is an error with the Sea State Bias Correction for one or more
CS_OFFL_SIR_FDM_2_20180427T210806_20180427T211410_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records	CS_OFFL_SIR_FDM_220180427T210806_20180427T211410_C001	-	
CS_OFFL_SIR_FDM_2_20180427T211533_20180427T212009_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Correction for one or more records	CS_OFFL_SIR_FDM_220180427T211533_20180427T212009_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20180427T224414_20180427T231834_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records	CS_OFFL_SIR_FDM_220180427T224414_20180427T231834_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias

## 6.5 L2 FDM Measurement Confidence Data Check

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

Number of products with errors: 2

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180427T005525_20180427T005527_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220180427T023201_20180427T023331_C001	Attitude correction missing	The attitude has not been corrected

## 6.6 L2 FDM Range Measurement Check

CryoSat L2 data includes a CFI (field 17) and OCOG (field 22) Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.
Number of products with errors: 24

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180427T002302_20180427T005044_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_220180427T025342_20180427T032731_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_220180427T043215_20180427T050553_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_220180427T062745_20180427T062924_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_220180427T062928_20180427T064519_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_220180427T075735_20180427T080707_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_220180427T080909_20180427T082425_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_220180427T090315_20180427T090718_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_220180427T090722_20180427T091027_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_220180427T101711_20180427T104220_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_220180427T111701_20180427T114258_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_220180427T125442_20180427T132258_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_220180427T133559_20180427T141024_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_220180427T142339_20180427T142517_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_220180427T165439_20180427T170039_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_220180427T170049_20180427T172713_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_220180427T174527_20180427T181613_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_220180427T183435_20180427T185202_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_220180427T192518_20180427T194044_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_220180427T194704_20180427T195840_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_220180427T201340_20180427T202830_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_220180427T210806_20180427T211410_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_220180427T211533_20180427T212009_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_220180427T224414_20180427T231834_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_220180427T002302_20180427T005044_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_220180427T025342_20180427T032731_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_220180427T043215_20180427T050553_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_220180427T062745_20180427T062924_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_220180427T062928_20180427T064519_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_220180427T075735_20180427T080707_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_220180427T080909_20180427T082425_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_220180427T090315_20180427T090718_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_220180427T090722_20180427T091027_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_220180427T101711_20180427T104220_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_220180427T111701_20180427T114258_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_220180427T125442_20180427T132258_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_220180427T133559_20180427T141024_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_220180427T142339_20180427T142517_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_220180427T165439_20180427T170039_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_220180427T170049_20180427T172713_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_220180427T174527_20180427T181613_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_220180427T183435_20180427T185202_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_220180427T192518_20180427T194044_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_220180427T194704_20180427T195840_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_220180427T201340_20180427T202830_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_220180427T210806_20180427T211410_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_220180427T211533_20180427T212009_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_220180427T224414_20180427T231834_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

## 6.8 L2 FDM Ocean Retracking Quality Check

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

 Number of products with errors:
 41

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180427T002302_20180427T005044_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_220180427T025342_20180427T032731_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_220180427T043215_20180427T050553_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_220180427T052015_20180427T054819_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_220180427T061234_20180427T062304_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_220180427T062745_20180427T062924_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_220180427T062928_20180427T064519_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_220180427T070337_20180427T071603_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_220180427T071812_20180427T073028_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_220180427T075735_20180427T080707_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_220180427T080909_20180427T082425_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_220180427T085730_20180427T090152_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_220180427T090315_20180427T090718_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_220180427T090722_20180427T091027_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_220180427T094658_20180427T100324_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_220180427T101711_20180427T104220_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_220180427T111701_20180427T114258_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_220180427T121344_20180427T122841_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_220180427T125442_20180427T132258_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_220180427T133559_20180427T141024_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_220180427T142339_20180427T142517_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_220180427T143513_20180427T143634_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_220180427T145152_20180427T145259_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_220180427T151526_20180427T153743_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_220180427T154029_20180427T154934_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_220180427T161309_20180427T161822_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_220180427T162149_20180427T162636_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_220180427T162824_20180427T164109_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_220180427T165439_20180427T170039_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_220180427T170049_20180427T172713_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_220180427T174527_20180427T181613_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_220180427T183435_20180427T185202_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_220180427T185642_20180427T190343_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_220180427T192518_20180427T194044_C001		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_220180427T194704_20180427T195840_C001		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_220180427T201340_20180427T202830_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_220180427T203145_20180427T204541_C001		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_220180427T210806_20180427T211410_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_220180427T211533_20180427T212009_C001		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_220180427T224414_20180427T231834_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_220180427T233208_20180427T235704_C001		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	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR1LRM_0_	150	150	150	0	0
SIR1SAR_0_	125	125	125	0	0
SIR1SIN_0_	107	107	107	0	0
SIR2SIN_0_	114	114	114	0	0
SIR_FDM_1B	150	150	150	0	0
SIR_FDM_2	148	148	148	0	0
Number of QCC reports with err 7.2 QCC Warnings	rors: (	1			
Number of QCC reports with wa					
7.3 Missing QCC Repo	rts				
Number of products with missi	ng QCC reports: 0	)			