

26-Oct-2019 Nothing planned

# IDEAS+ Daily Report for FDM data:

## <u>25/10/2019</u>

1. Overview				
			-	
Report Production Date:	28-Oct-2019	Check	Status	
Report Freddotton Bate.	20 000 2010	Server check: science-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal	
FIOCESSOI USEU.	CryoSat ice Processor	Product Software Check	Nominal	
Data Used:	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	Product Format Check	Nominal	
Data Oseu.		Product Header Analysis	See Section 4.2, 5.2 and 6.2	
		Star Tracker Usage Check	See Section 5.3	
		Calibration Usage Check	Nominal	
		Auxiliary Data File Usage Check	Nominal	
		Auxiliary Correction Error Check	See Section 6.4	
		Measurement Confidence Data Check	See Section 5.7, 6.5, 6.6, 6.7 and 6.8	
		·		
Mission / Instrument News				
24-Oct-2019 None				
25-Oct-2019 None				

## 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:

0

4.2 L0 Product Header Analysis	
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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: 5				
Product	Test Failed			
CS_OPER_SIR1SAR_020191025T012407_20191025T012825_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.			
CS_OPER_SIR1SAR_020191025T013218_20191025T013955_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.			
CS_OPER_SIR1SAR_020191025T132304_20191025T132337_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.			
CS_OPER_SIR1SAR_020191025T235917_20191026T000448_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.			
CS OPER SIR2SIN 0 20191025T093930 20191025T094432 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 I 1B EDM 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: 4			
Product	Test Failed		
CS_OFFL_SIR_FDM_1B_20191025T211019_20191025T211533_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).		
CS_OFFL_SIR_FDM_1B_20191025T211533_20191025T211752_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).		
CS_OFFL_SIR_FDM_1B_20191025T225156_20191025T225257_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).		
CS_OFFL_SIR_FDM_1B_20191025T225257_20191025T225319_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_20191025T211019_20191025T211533_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20191025T225156_20191025T225257_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

3

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. 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_20191025T075101_20191025T080153_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20191025T211019_20191025T211533_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20191025T225156_20191025T225257_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). 0

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Number of products with errors:
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#### 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: 4

Product	Test Failed
CS_OFFL_SIR_FDM_220191025T211019_20191025T211533_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220191025T211533_20191025T211752_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).

FOS Predicted Orbit (MPL\_ORBPRE) used instead of the DORIS Navigator Orbit (DOR\_NAV). FOS Predicted Orbit (MPL\_ORBPRE) used instead of the DORIS Navigator Orbit (DOR\_NAV).

### 6.3 L2 FDM Auxiliary Data File Usage Check

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

 Number of products with errors:
 0

### 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.

41

Number of products with errors:

Product	Test Failed	Description
CS OFFL SIR FDM 2 20191025T000342 20191025T003636 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220191025T005415_20191025T011026_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220191025T013956_20191025T020242_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 20191025T020312 20191025T021521 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed	Correction for one or more records There is an error with the Sea State Bias Correction for one or more
CS_OFFL_SIR_FDM_220191025T023309_20191025T030630_C001	Sea State Bias Correction	records
CS_OFFL_SIR_FDM_220191025T032031_20191025T033311_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_220191025T033753_20191025T033914_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 20191025T033917 20191025T034204 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220191025T034245_20191025T035439_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220191025T042822_20191025T044648_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 20191025T050746 20191025T051812 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220191025T051952_20191025T053325_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220191025T055818_20191025T060214_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220191025T060900_20191025T061159_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_20191025T061323_20191025T062032_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
C3_OFFL_3IK_FDMi_2201910251001323_201910251002032_C001	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220191025T062155_20191025T062405_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220191025T065213_20191025T071213_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_220191025T072828_20191025T075059_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more
	Sea State Bias Correction, Altimetric	records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220191025T081642_20191025T081738_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220191025T082751_20191025T085124_C001	Sea State Bias Correction, Mean Sea Surface height, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed, the Sea State Bias Correction and the Mean Sea Surface Height for one or more records
CS OFFL SIR FDM 2 20191025T090735 20191025T093614 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220191025T102637_20191025T103044_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220191025T122657_20191025T124749_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_220191025T125034_20191025T130221_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 20191025T133122 20191025T133644 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220191025T140557_20191025T143154_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220191025T143333_20191025T143952_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 20191025T155003 20191025T160113 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220191025T160118_20191025T161142_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220191025T165946_20191025T170829_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_220191025T172454_20191025T173835_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 20191025T174015 20191025T174457 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220191025T181337_20191025T181544_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220191025T181707_20191025T182417_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_220191025T182540_20191025T184825_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more
		records There is an error with the Sea State Bias Correction for one or more
CS_OFFL_SIR_FDM_220191025T190438_20191025T192704_C001	Sea State Bias Correction	records
CS_OFFL_SIR_FDM_220191025T200211_20191025T202751_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_220191025T204356_20191025T211014_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_220191025T223815_20191025T224650_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
CS OFFL SIR FDM 2 20191025T225839 20191025T230016 C001	Wind Speed	Correction for one or more records
00_011E_011C1_0110_2201310231223033_201310231230010_0001	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

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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.

Number of	products with error	'S'

Product
CS_OFFL_SIR_FDM_220191025T075101_20191025T080153_C001
CS_OFFL_SIR_FDM_220191025T211019_20191025T211533_C001
CS_OFFL_SIR_FDM_220191025T225156_20191025T225257_C001

 Test Failed
 Description

 Echo error
 The Echo Rx1 Error flag is set, indicating a degraded raw echo

 Attitude correction missing
 The attitude has not been corrected

 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: 31

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220191025T000342_20191025T003636_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20191025T013956_20191025T020242_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_220191025T020312_20191025T021521_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20191025T032031_20191025T033311_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_220191025T033753_20191025T033914_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_220191025T033917_20191025T034204_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_220191025T042822_20191025T044648_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_220191025T050746_20191025T051812_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_220191025T051952_20191025T053325_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_220191025T060900_20191025T061159_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_220191025T061323_20191025T062032_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_220191025T062155_20191025T062405_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_220191025T065213_20191025T071213_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_220191025T081642_20191025T081738_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_220191025T082751_20191025T085124_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_220191025T102637_20191025T103044_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_220191025T122657_20191025T124749_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_220191025T125034_20191025T130221_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_220191025T140557_20191025T143154_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_220191025T143333_20191025T143952_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_220191025T155003_20191025T160113_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_220191025T160118_20191025T161142_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_220191025T165946_20191025T170829_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_220191025T172454_20191025T173835_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_220191025T174015_20191025T174457_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_220191025T181337_20191025T181544_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_220191025T181707_20191025T182417_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_220191025T204356_20191025T211014_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_220191025T223815_20191025T224650_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.

CS\_OFFL\_SIR\_FDM\_2\_\_20191025T231210\_20191025T234516\_C001

CFI Retracked Range Flag

#### 6.7 L2 FDM SWH and Backscatter Measurement Check

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

Number of products with errors: 31	T	
Product	Test Failed	Description The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220191025T000342_20191025T003636_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_220191025T013956_20191025T020242_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_220191025T020312_20191025T021521_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_220191025T032031_20191025T033311_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_20191025T033753_20191025T033914_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_220191025T033917_20191025T034204_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_220191025T042822_20191025T044648_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_220191025T050746_20191025T051812_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_220191025T051952_20191025T053325_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_220191025T060900_20191025T061159_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_220191025T061323_20191025T062032_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_220191025T062155_20191025T062405_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_220191025T065213_20191025T071213_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_220191025T081642_20191025T081738_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_220191025T082751_20191025T085124_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_220191025T102637_20191025T103044_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_220191025T122657_20191025T124749_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_220191025T125034_20191025T130221_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_220191025T140557_20191025T143154_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_220191025T143333_20191025T143952_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_220191025T155003_20191025T160113_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_220191025T160118_20191025T161142_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_220191025T165946_20191025T170829_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_220191025T172454_20191025T173835_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_220191025T174015_20191025T174457_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_220191025T181337_20191025T181544_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_220191025T181707_20191025T182417_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_220191025T204356_20191025T211014_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_220191025T223815_20191025T224650_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\_\_20191025T231210\_20191025T234516\_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

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. 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.

CS_OFFL_SIR_FDM_2_20191025T000342_20191025T003636_C001         Ocean Retracking Quality Flag         The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag 2_20191025T03391_20191025T033914_C001         Ocean Retracking Quality Flag           CS_OFFL_SIR_FDM_2_20191025T033917_20191025T034204_C001         Ocean Retracking Quality Flag         The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag           CS_OFFL_SIR_FDM_2_20191025T033917_20191025T03420	Number of products with errors: 45			
St. Off. 2, BF, DEP, CAU, 2, 2019 0000004, 2019 0000004, 2019         Court Rescards Quarky Play         Relacions on a court of a cour	Product	Test Failed		
C2, D-FL, SH, D-M, Z., 2019 023101239, 2019102110239, 2001         Coam Rescuing Quality Hap         The Owner Rescuing Quality Hap         The Owner Rescuing Quality Hap           C3, D-FL, SH, D-M, Z., 2019102110239, 2019102110239, 2001         Coam Rescuing Quality Hap         The Owner Rescuing Quality Hap         The Owner Rescuing Quality Hap           C3, D-FL, SH, D-M, Z., 2019102110239, 2019102110239, 20191021102391, 2001         Coam Rescuing Quality Hap         The Owner Rescuing Quality Hap	CS_OFFL_SIR_FDM_220191025T000342_20191025T003636_C001	Ocean Retracking Quality Flag		
Call Design Jahl Prob. 220191025710201 (2011)         Cools Retraining Guarty Flag         The Owner Retraining Owner Flag         The Owner Retraining Owner Flag           Call Design Jahl Prob. 220191025710201 (2011)         Cools Retraining Owner Flag         The Owner Retraining Owner Flag           Call Design Jahl Prob. 220191025710201 (2011)         Cools Retraining Owner Flag         The Owner Retraining Owner Flag           Call Design Jahl Prob. 220191025710201 (2011)         Cools Retraining Owner Flag         The Owner Retraining Owner Flag           Call Design Jahl Prob. 220191025710201 (2011)         Cools Retraining Owner Flag         The Owner Retraining Owner Flag           Call Design Jahl Prob. 220191025710201 (2011)         Cools Retraining Owner Flag         The Owner Retraining Owner Flag           Call Design Jahl Prob. 220191025710201 (2011)         Cools Retraining Owner Flag         The Owner Retraining Owner Flag           Call Design Jahl Prob. 220191025710201 (2011)         Cools Retraining Owner Flag         The Owner Retraining Owner Flag           Call Design Jahl Prob. 220191025710201 (2011)         Cools Retraining Owner Flag         The Owner Retraining Owner Flag           Call Design Jahl Prob. 220191025710201 (2011)         Cools Retraining Owner Flag         The Owner Retraining Owner Flag           Call Design Jahl Prob. 220191025710201 (2011)         Cools Retraining Owner Flag         The Ownere Retraining Owner Flag           Cal	CS_OFFL_SIR_FDM_220191025T013956_20191025T020242_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
City, City, Lity, FUX 2, 20194025703260, 20194025703260, 20194025703260, 20194025703261, 20194025703661, 201940, 20194025703661, 201940, 20194025703661, 201940, 20194025703661, 201940, 20194025703661, 201940, 20194025703661, 201940, 20194025703661, 201940, 20194025703661, 201940, 20194025703661, 201940, 20194025703661, 201940, 20194025703661, 201940, 20194025703661, 201940	CS_OFFL_SIR_FDM_220191025T020312_20191025T021521_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
C2, C+L, JR, FURL 2, JR 191025100301, 20191025100301, C010         Oxan Remoking Cauby Figs         The Conce Remoking Cauby Figs           C5, OTT, JR, FURL 2, 2019125100375, 20191025100420, C001         Oxan Relaxing Cauby Figs         The Oxen Remoking Cauby Figs           C6, OTT, JR, FURL 2, 2019125100377, 20191025100420, C001         Oxan Relaxing Cauby Figs         The Oxen Relaxing Cauby Figs           C6, OTT, JR, FURL 2, 2019125100420, C001         Oxan Relaxing Cauby Figs         The Oxen Relaxing Cauby Figs           C6, OTT, JR, FURL 2, 2019125101420, C001         Oxan Relaxing Cauby Figs         The Oxen Relaxing Cauby Figs           C6, OTT, JR, FURL 2, 2019125101420, C001005100444, C001         Oxan Relaxing Cauby Figs         The Oxen Relaxing Cauby Figs           C6, OTT, JR, FURL 2, 20191251014100, 201010191001010, C001         Oxan Relaxing Cauby Figs         The Oxen Relaxing Cauby Figs           C6, OTT, JR, FURL 2, 20191251014100, 201010110, C001         Oxan Relaxing Cauby Figs         The Oxen Relaxing Cauby Figs           C6, OTT, JR, FURL 2, 20191251014100, 201010100, C001         Oxan Relaxing Cauby Figs         The Oxen Relaxing Cauby Figs           C6, OTT, JR, FURL 2, 20191251010120, C010         Oxan Relaxing Cauby Figs         The Oxen Relaxing Cauby Figs           C6, OTT, JR, FURL 2, 20191251010120, C010         Oxan Relaxing Cauby Figs         The Oxen Relaxing Cauby Figs           C6, OTT, JR, FURL 2, 2019125100120, C010         Oxan Relaxing Cauby Figs <t< td=""><td>CS_OFFL_SIR_FDM_220191025T023309_20191025T030630_C001</td><td>Ocean Retracking Quality Flag</td><td>The Ocean Retracking Quality Flag is set indicating the CFI Ocean</td></t<>	CS_OFFL_SIR_FDM_220191025T023309_20191025T030630_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
C3, DTL, SR, FURL 2, 201910257103291, 201910257103291, 201910257103290, 2019102571032	CS_OFFL_SIR_FDM_220191025T032031_20191025T033311_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
CS, DFFL, SR, FOM, 2	CS_OFFL_SIR_FDM_220191025T033753_20191025T033914_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
C5         OPTL_BR_FDM_2_00100257034265_201910257034260_0001         Overn Returking Quality Flag         The Overn Returking Quality Flag           C5_OPTL_BR_FDM_2_00100257034260_0001         Overn Returking Quality Flag         The Overn Returking Quality Flag           C5_OPTL_BR_FDM_2_001010257034260_0001         Overn Returking Quality Flag         The Overn Returking Quality Flag           C5_OPTL_BR_FDM_2_00101025703426_0001         Overn Returking Quality Flag         The Overn Returking Quality Flag           C5_OPTL_BR_FDM_2_00101025703532_00100         Overn Returking Quality Flag         The Overn Returking Quality Flag           C5_OPTL_BR_FDM_2_00101025703532_00100         Overn Returking Quality Flag         The Overn Returking Quality Flag	CS OFFL SIR FDM 2 20191025T033917 20191025T034204 C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
<ul> <li>G., GFL, SR, FDM, 2. 0191025704430, 20191025704430, 2019</li> <li>Osem Retracing Quality Flag</li> <li>The Cosen Retracing Quality Flag</li> <li>The Cosen Retracing Quality Flag</li> <li>Cosen Retracing Quality Flag</li> <li>The Cosen Retracing Quality Flag</li> <li>Cosen Retracing Quality Flag</li> <li>Reto Cosen Retracing Quality Flag</li> <li>Cosen Retracing Quality Flag</li> <li>Cosen Retracing Quality Flag</li> <li>Reto Cosen Retracing Quality Flag</li> <li>Cosen Retracing Quality Flag</li> <li>Reto Cosen Retracing Quality Flag</li></ul>	CS OFFL SIR FDM 2 20191025T034245 20191025T035439 C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
CS. OFFL SR. FDM 2, 201910257104649, 2001         Overan Retracking Quality Flag         The Overan Retracking Quality Flag	CS_OFFL_SIR_FDM_220191025T041308_20191025T042608_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
C6., OFFL_SIR, FDM_2_201910257063742_00191025103325_C001         Oxean Retracking Quality Fag         The Oxean Retracking Quality Fag           C6., OFFL_SIR, FDM_2_201910257051022_0191025103325_C001         Oxean Retracking Quality Fag         The Oxean Retracking Quality Fag           C6., OFFL_SIR, FDM_2_201910257051032_01910251003325_C001         Oxean Retracking Quality Fag         The Oxean Retracking Quality Fag           C6., OFFL_SIR, FDM_2_201910257061032_01910257082032_C001         Oxean Retracking Quality Fag         The Oxean Retracking Quality Fag           C6., OFFL_SIR, FDM_2_201910257061032_01910257082032_C001         Oxean Retracking Quality Fag         The Oxean Retracking Quality Fag           C6., OFFL_SIR, FDM_2_201910257070155_0191025708263_C001         Oxean Retracking Quality Fag         The Oxean Retracking Quality Fag           C6., OFFL_SIR, FDM_2_201910257070529_C001         Oxean Retracking Quality Fag         The Oxean Retracking Quality Fag           C6., OFFL_SIR, FDM_2_201910257070529_C001         Oxean Retracking Quality Fag         The Oxean Retracking Quality Fag           C6., OFFL_SIR, FDM_2_201910257005702_01910257105270         Oxean Retracking Quality Fag         The Oxean Retracking Quality Fag           C6., OFFL_SIR, FDM_2_201910257105703_01910251100370_0010         Oxean Retracking Quality Fag         The Oxean Retracking Quality Fag           C6., OFFL_SIR, FDM_2_201910257105703_00101051100370_0010         Oxean Retracking Quality Fag         The Oxean Retracking Quality Fag	CS_OFFL_SIR_FDM_220191025T042822_20191025T044648_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
CS_OFT_SIR_FDM_2_01910257051582_2019102571052326_001         Doesn Retracking Quality Flag         The Ocean Retrackin	CS_OFFL_SIR_FDM_220191025T050746_20191025T051812_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
CS_OFFL_SIR_FDM_2_201910251062032_001910251062032_0001 Ocean Retracking Quality Flag The Coean Retracking Qu	CS OFFL SIR FDM 2 20191025T051952 20191025T053325 C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
CS. OFFL SIR FDM 2_20191025706332_201910257062302_0011         Doesn Retracting Qualty Flag         The Ocean Retracting Qualty Flag         The O	CS_OFFL_SIR_FDM_220191025T060900_20191025T061159_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
CS_OFFL_SR_FDL_2_20191025102510210210251025405_0001 Cean Retracking Quality Flag Retracker was not successfully exceeded for one more records. CS_OFFL_SR_FDL_2_20191025102510254_20191025107538_0001 Cean Retracking Quality Flag Retracker was not successfully exceeded for one more records. CS_OFFL_SR_FDL_2_201910251025102510254_2001 Cean Retracking Quality Flag Retracker was not successfully exceeded for one more records. CS_OFFL_SR_FDL_2_201910251025102716224_20191025102510254_0001 Cean Retracking Quality Flag Retracker was not successfully exceeded for one more records. CS_OFFL_SR_FDL_2_201910251025102510254_0001 Cean Retracking Quality Flag Retracker was not successfully exceeded for one or more records. CS_OFFL_SR_FDL_2_201910251025102542_0001 Cean Retracking Quality Flag Retracker was not successfully exceeded for one or more records. CS_OFFL_SR_FDL_2_2019102510251025102542_0001 Cean Retracking Quality Flag Retracker was not successfully exceeded for one or more records. CS_OFFL_SR_FDL_2_20191025110251025102510251024_0001 Cean Retracking Quality Flag Retracker was not successfully exceeded for one or more records. CS_OFFL_SR_FDL_2_20191025110244_0001 Cean Retracking Quality Flag Retracker was not successfully exceeded for one or more records. CS_OFFL_SR_FDL_2_20191025110245110204_0001 Cean Retracking Quality Flag Retracker was not successfully exceeded for one or more records. CS_OFFL_SR_FDL_2_2019102511024511208,0001 Cean Retracking Quality Flag Retracker was not successfully exceeded for one or more records. CS_OFFL_SR_FDL_2_201910251122657_20191025112206_0001 Cean Retracking Quality Flag Retracker was not successfully exceeded for one or more records. CS_OFFL_SR_FDL_2_201910251122657_20191025113244_0001 Cean Retracking Quality Flag Retracker was not successfully exceeded for one or more records. CS_OFFL_SR_FDL_2_20191025112261_00251 Cean Retracking Quality Flag Retracker was not successfully exceeded for one or more records. CS_OFFL_SR_FDL_2_20191025112084_001 Cean Retracking Quality Flag Retracker was no	CS_OFFL_SIR_FDM_2_20191025T061323_20191025T062032_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
CS_OFFL_SR_FDM_2_20191025105213_20191025107133_001 Ocean Retracking Quality Flag Retracker was not successfully searched for one rmost records. CS_OFFL_SR_FDM_2_20191025106142_20191025107133_C001 Ocean Retracking Quality Flag Retracker was not successfully searched for one rmost records. CS_OFFL_SR_FDM_2_20191025108123_0091025108124_0001 Ocean Retracking Quality Flag Retracker was not successfully searched for one rmost records. CS_OFFL_SR_FDM_2_20191025108121_025108124_0001 Ocean Retracking Quality Flag Retracker was not successfully searched for one rmost records. CS_OFFL_SR_FDM_2_20191025108210_025108124_0001 Ocean Retracking Quality Flag Retracker was not successfully searched for one rmost records. CS_OFFL_SR_FDM_2_201910251102510_02510_01025110242_0011 Ocean Retracking Quality Flag Retracker was not successfully searched for one rmost records. CS_OFFL_SR_FDM_2_2019102511025110242_001 Ocean Retracking Quality Flag Retracker was not successfully searched for one rmost records. CS_OFFL_SR_FDM_2_2019102511025110242_001 Ocean Retracking Quality Flag Retracker was not successfully searched for one rmost records. CS_OFFL_SR_FDM_2_2019102511025112042_001 Ocean Retracking Quality Flag Retracker was not successfully searched for one or most records. CS_OFFL_SR_FDM_2_2019102511025112042_001 Ocean Retracking Quality Flag Retracker was not successfully searched for one or most records. CS_OFFL_SR_FDM_2_2019102511025112042_001 Ocean Retracking Quality Flag Retracker was not successfully searched for one or most records. CS_OFFL_SR_FDM_2_2019102511025112057_0010 Ocean Retracking Quality Flag Retracker was not successfully searched for one or most records. CS_OFFL_SR_FDM_2_2019102511027130221_0001 Ocean Retracking Quality Flag Retracker was not successfully searched for one or most records. CS_OFFL_SR_FDM_2_20191025110275_0010 Ocean Retracking Quality Flag Retracker was not successfully searched for one or most records. CS_OFFL_SR_FDM_2_20191025110251_0010 Ocean Retracking Quality Flag Retracker was not successfully sear			The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
CG_OFFL_SIR_FDM201910251702828_20191025170569_C001 Ocean Retracking Quality Flag Retracking Quality			The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
C6_OFFL_SIR_FDM 2_201910257081642_201910257081738_C001 Ocean Retracking Quality Flag File Case Retracking Quality Flag Set indicating the CFL Ocean Retracking Quality Flag Set indicating the			The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
C2_OFFL_SIR_FDM 2_20191025T08572_00191025T085124_C001 Ocean Retracking Quality Flag The Ocean Retracking Qua			The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
C2_OFFL_SIR_FDM_2_20191025T106552_20191025T10506538_C001 Ocean Retracking Quality Flag The Ocean Retracking			The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
CS_OFFL_SIR_FDM_2_20191025T100332_0191025T100342_C001         Ocean Retracking Quality Flag         The Ocean Retracki			The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
Coen Retracking Quality Flag Set indicating the CFI Ocean Retracking Quality Flag Set			The Ocean Retracking Quality Flag is set indicating the CFI Ocean	
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CS_OFFL_SIR_FDM_2_201910251172434_201910251173635_C001       Ocean Retracking Quality Flag       Retracker was not successfully executed for one or more records.         CS_OFFL_SIR_FDM_2_20191025T174405_20191025T174457_C001       Ocean Retracking Quality Flag       The Ocean Retracking Quality KPa is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag 2.20191025T181707_20191025T182417_C001       Ocean Retracking Quality Flag       The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag 2.20191025T182540_20191025T182417_C001       Ocean Retracking Quality Flag       The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI 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_20191025T190438_20191025T192704_C001       Ocean Retracking Quality Flag       The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking				
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CS_OFFL_SIR_FDM_2_201910251181337_201910251181344_C001       Ocean Retracking Quality Flag       Retracker was not successfully executed for one or more records.         CS_OFFL_SIR_FDM_2_20191025T181707_20191025T182417_C001       Ocean Retracking Quality Flag       The Ocean Retracking Quality Flag is set indicating the CFI 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_20191025T182540_20191025T184825_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_20191025T190438_20191025T192704_C001       Ocean Retracking Quality Flag       The Ocean Retracking Quality Flag is set indicating the CFI 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_20191025T200211_20191025T202751_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_20191025T204356_20191025T211014_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_20191025T22302_20191025T223811_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_SI			Retracker was not successfully executed for one or more records.	
CS_OFFL_SIR_FDM_2_20191025T182540_20191025T184825_C001       Ocean Retracking Quality Flag       Retracker was not successfully executed for one or more records.         CS_OFFL_SIR_FDM_2_20191025T182540_20191025T184825_C001       Ocean Retracking Quality Flag       The Ocean Retracking Quality Flag is set indicating the CFI 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_20191025T190438_20191025T192704_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_20191025T200211_20191025T202751_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_20191025T200211_20191025T211014_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_20191025T22302_20191025T223811_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_20191025T223815_20191025T223811_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_20191025T223815_20191025T223815_0C001			Retracker was not successfully executed for one or more records.	
CS_OFFL_SIR_FDM_2_201910251102540_201910251104825_C001       Ocean Retracking Quality Flag       Retracker was not successfully executed for one or more records.         CS_OFFL_SIR_FDM_2_20191025T190438_20191025T192704_C001       Ocean Retracking Quality Flag       The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag Is set indicating the CFI Ocean Retracking Quality Flag Is set indicating the CFI Ocean Retracking Quality Flag Is set indicating the CFI 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_20191025T22302_20191025T223811_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_20191025T223815_20191025T224650_C001			Retracker was not successfully executed for one or more records.	
CS_OFFL_SIR_FDM_2_20191025T190438_20191025T202751_C001       Ocean Retracking Quality Flag       Retracker was not successfully executed for one or more records.         CS_OFFL_SIR_FDM_2_20191025T200211_20191025T202751_C001       Ocean Retracking Quality Flag       The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag         CS_OFFL_SIR_FDM_2_20191025T204356_20191025T211014_C001       Ocean Retracking Quality Flag       The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag Is set indica			Retracker was not successfully executed for one or more records.	
CS_OFFL_SIR_FDM_2_201910251200211_201910251202751_C001       Ocean Retracking Quality Flag       Retracker was not successfully executed for one or more records.         CS_OFFL_SIR_FDM_2_20191025T204356_20191025T211014_C001       Ocean Retracking Quality Flag       The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI 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_20191025T222302_20191025T223811_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_20191025T223815_20191025T223815_20191025T224650_C001       Ocean Retracking Quality Flag       The Ocean Retracking Quality Flag is set indicating the CFI 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_20191025T22302_20191025T223811_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. CS_OFFL_SIR_FDM_2_20191025T22302_20191025T223811_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag Set indicating the CFI Ocean Retracking Quality Flag The Ocean Retracking Quality Flag The Ocean Retracking Quality Flag Set indicating the CFI Ocean Retracking Quality Flag Set indicating			Retracker was not successfully executed for one or more records.	
CS_OFFL_SIR_FDM_2_20191025122302_201910251223811_CU01 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag The Ocean Retracking Qualit			Retracker was not successfully executed for one or more records.	
			Retracker was not successfully executed for one or more records.	
	CS_OFFL_SIR_FDM_220191025T223815_20191025T224650_C001	Ocean Retracking Quality Flag		

CS\_OFFL\_SIR\_FDM\_2\_\_20191025T231210\_20191025T234516\_C001

The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. 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.

## 7.2 QCC Warnings

Number of QCC reports with warnings

### 7.3 Missing QCC Reports

Number of products with missing QCC reports: 104

0