



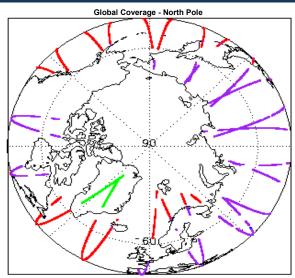
## 1. Overview

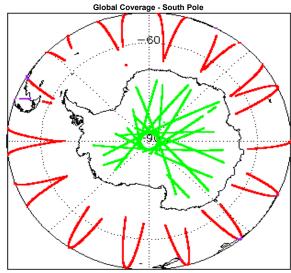
Report Production Date:	09-Jan-2017	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1 and L2 Fast Delivery Marine (FDM)	

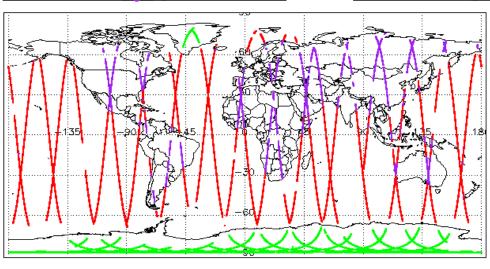
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File Usage Check	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 / Instru	ument News
07-Jan-2017	None
08-Jan-2017	None
09-Jan-2017	Nothing planned

# 2. Global Coverage









## 3. Instrument Configuration

The SIRAL instrument configuration for the day of acquisition is provided below.

SIRAL instrument(s) in use:	SIRAL - A
Star Tracker(s) in use:	Star Tracker 1

## 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

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.

Product	Test Failed
CS_OPER_SIR1SAR_020170108T004443_20170108T005430_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020170108T004133_20170108T004343_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20170108T023509_20170108T023636_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020170108T022434_20170108T023322_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020170108T201219_20170108T201358_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020170108T205801_20170108T205923_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020170108T112714_20170108T112828_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020170108T222055_20170108T222541_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020170108T220525_20170108T220701_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020170108T005431_20170108T005840_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS OPER SIR2SIN 0 20170108T000346 20170108T000415 0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.

## 5. Level 1B FDM Data Quality Check

## 5.1 L1B FDM Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a binary product file (.DBL).

Number of products with errors:

#### 5.2 L1B FDM Product Header Analysis

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

Number of products with errors:

#### 5.3 L1B FDM Star Tracker Usage Check

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

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20170108T021644_20170108T021723_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20170108T234413_20170108T234919_C001	No Star Tracker file used in the processing of this product

#### 5.4 L1B FDM Calibration Usage Check

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

Number of products with errors:

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

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

Number of products with errors:

### 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_20170108T021644_20170108T021723_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20170108T234413_20170108T234919_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:

#### 6.2 L2 FDM Product Header Analysis

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

Number of products with errors:

### 6.3 L2 FDM Auxiliary Data File Usage Check

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

Number of products with errors:

# 6.4 L2 FDM Auxiliary Correction Error Check

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

Number of products with errors:

37

Product	Test Failed	Description
	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220170108T000642_20170108T003509_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220170108T004343_20170108T004443_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 20170108T005841 20170108T013143 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
00_0112_011\(\frac{1}{2}\) BM\(\frac{1}{2}\)_2011\(\frac{1}{2}\) 101001\(\frac{1}{2}\) 101001\(\frac{1}{2}\)	Wind Speed	Correction for one or more records  There is an error with the Altimetric Wind Speed and See State Rice
CS_OFFL_SIR_FDM_220170108T014537_20170108T015131_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_220170108T022240_20170108T022433_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_220170108T023803_20170108T031134_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220170108T032432_20170108T034723_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_20170108T041559_20170108T044936_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_220170108T055817_20170108T060654_C001	Sea State Bias Correction	records
CS_OFFL_SIR_FDM_220170108T061307_20170108T062912_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_20170108T074129_20170108T075154_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_220170108T075334_20170108T080800_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220170108T083204_20170108T083556_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 20170108T084249 20170108T084544 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
C3_OFFL_SIR_FDIM_2201701061064249_201701061064344_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220170108T084707_20170108T085418_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_220170108T092256_20170108T093708_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 20170108T100058 20170108T103539 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
C3_O11E_3IIK_1 DIWI_2201701001100030_201701001103339_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_220170108T110134_20170108T112650_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220170108T114046_20170108T115155_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
00 OFFI OID FDM 0 004704007445700 00470400740404 0004		There is an error with the Sea State Bias Correction for one or more
CS_OFFL_SIR_FDM_220170108T115732_20170108T121314_C001	Sea State Bias Correction	records
CS_OFFL_SIR_FDM_220170108T130018_20170108T130628_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_220170108T132018_20170108T135354_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_220170108T145855_20170108T152133_C001	Sea State Bias Correction	records
CS_OFFL_SIR_FDM_220170108T154539_20170108T154610_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_220170108T161213_20170108T162342_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_220170108T163849_20170108T171143_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220170108T172744_20170108T172751_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 20170108T172839 20170108T173529 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_220170108T181755_20170108T183507_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220170108T183510_20170108T184711_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 20170108T190850 20170108T192433 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
C3_O11E_3IIX_1 DIWI_2201701001190030_201701001192433_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_220170108T195727_20170108T201218_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220170108T201358_20170108T201852_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 20170108T205051 20170108T205800 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_220170108T205923_20170108T212321_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220170108T213700_20170108T220049_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 20170108T231526 20170108T234127 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

# 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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220170108T021644_20170108T021723_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220170108T234413_20170108T234919_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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220170108T000642_20170108T003509_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_220170108T005841_20170108T013143_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_220170108T022240_20170108T022433_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_220170108T023803_20170108T031134_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_220170108T032432_20170108T034723_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_220170108T041559_20170108T044936_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_220170108T074129_20170108T075154_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_220170108T075334_20170108T080800_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_220170108T084249_20170108T084544_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_220170108T084707_20170108T085418_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_220170108T100058_20170108T103539_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_220170108T114046_20170108T115155_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_220170108T130018_20170108T130628_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_220170108T132018_20170108T135354_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_220170108T163849_20170108T171143_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_220170108T172839_20170108T173529_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_220170108T181755_20170108T183507_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_220170108T183510_20170108T184711_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_220170108T190850_20170108T192433_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_220170108T195727_20170108T201218_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_220170108T201358_20170108T201852_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_220170108T205051_20170108T205800_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_220170108T205923_20170108T212321_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_220170108T213700_20170108T220049_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_220170108T231526_20170108T234127_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.

# 6.7 L2 FDM SWH and Backscatter Measurement Check

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

Number of products with errors:

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

CFI Backscatter Status Flag. SWH Squared Averaging Status Flag. SWH Squared Averaging Status Flag.  CS_OFFL_SIR_FDM_2_20170108T132018_20170108T195354_C001  CS_OFFL_SIR_FDM_2_20170108T163849_20170108T171143_C001  CS_OFFL_SIR_FDM_2_20170108T163849_20170108T171559_C001  CS_OFFL_SIR_FDM_2_20170108T163849_20170108T173592_C001  CS_OFFL_SIR_FDM_2_20170108T18755_20170108T183507_C001  CS_OFFL_SIR_FDM_2_20170108T183510_20170108T183507_C001  CS_OFFL_SIR_FDM_2_20170108T183510_20170108T184711_C001  CS_OFFL_SIR_FDM_2_20170108T190850_20170108T192433_C001  CS_OFFL_SIR_FDM_2_20170108T190850_20170108T192433_C001  CS_OFFL_SIR_FDM_2_20170108T195727_20170108T201285_C001  CS_OFFL_SIR_FDM_2_20170108T201358_20170108T201285_C001  CS_OFFL_SIR_FDM_2_20170108T201358_20170108T2012800_C001  CS_OFFL_SIR_FDM_2_20170108T20135	CS_OFFL_SIR_FDM_220170108T114046_20170108T115155_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.
S_OFFL_SIR_FDM_2_20170108T132018_20170108T171143_C001  CS_OFFL_SIR_FDM_2_20170108T163849_20170108T171143_C001  CS_OFFL_SIR_FDM_2_20170108T172839_20170108T173529_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag Survey Averaging Status Flag Survey Averaging Status Flag Survey Sta	CS_OFFL_SIR_FDM_220170108T130018_20170108T130628_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20170108T163849_20170108T173529_C001  CS_OFFL_SIR_FDM_2_20170108T172839_20170108T183507_C001  CS_OFFL_SIR_FDM_2_20170108T183510_20170108T183507_C001  CS_OFFL_SIR_FDM_2_20170108T183510_20170108T183507_C001  CS_OFFL_SIR_FDM_2_20170108T183510_20170108T183507_C001  CS_OFFL_SIR_FDM_2_20170108T193510_20170108T183507_C001  CS_OFFL_SIR_FDM_2_20170108T193510_20170108T184711_C001  CS_OFFL_SIR_FDM_2_20170108T190850_20170108T192433_C001  CS_OFFL_SIR_FDM_2_20170108T195727_20170108T201218_C001  CS_OFFL_SIR_FDM_2_20170108T195727_20170108T201218_C001  CS_OFFL_SIR_FDM_2_20170108T201358_20170108T201852_C001  CS_OFFL_SIR_FDM_2_20170108T201358_20170108T201852_C001  CS_OFFL_SIR_FDM_2_20170108T201358_20170108T201852_C001  CS_OFFL_SIR_FDM_2_20170108T205051_20170108T203800_C001  CS_OFFL_SIR_FDM_2_20170108T205051_20170108T2025800_C001  CS_OFFL_SIR_FDM_2_20170108T205052_20170108T202049_C001  CS_OFFL_SIR_FDM_2_20170108T205052_20170108T202049_C001  CS_OFFL_SIR_FDM_2_20170108T205052_20170108T203580_C001  CS_OFFL_SIR_FDM_2_20170108T205052_20170108T203580_C001  CS_OFFL_SIR_FDM_2_20170108T205052_20170108T2035800_C001  CS_OFFL_SIR_FDM_2_20170108T205052_20170108T2035800_C001  CS_OFFL_SIR_FDM_2_20170108T205052_20170108T2035800_C001  CS_OFFL_SIR_FDM_2_20170108T205052_20170108T2035800_C001  CS_OFFL_SIR_FDM_2_20170108T205052_20170108T2035800_C001  CS_OFFL_SIR_FDM_2_20170108T205052_20170108T2035800_C001  CS_OFFL_SIR_FDM_2_20170108T205052_20170108T203049_C001  CS_OFFL_SIR_FDM_2_20170108T205052_20170108T203049_C001  CS_OFFL_SIR_FDM_2_20170108T203520_20170108T203049_C001  CS_OFFL_SIR_FDM_2_20170108T203520_20170108T203049_C001  CS_OFFL_SIR_FDM_2_20170108T20352_20170108T203049_C001  CS_OFFL_SIR_FDM_2_20170108T203520_20170108T203049_C001  CS_OFFL_SIR_FDM_2_20170108T203520_20170108T203049_C001  CS_OFFL_SIR_FDM_2_20170108T203520_20170108T203049_C001  CS_OFFL_SIR_FDM_2_20170108T203520_20170108T203049_C001  CS_OFFL_SIR_FDM_2_20170108T203520_20170108T203049_C001  CS_OFFL_SIR_FDM_2_20170108T203520_20170108T203049_C001  CS_OFFL_SIR_FDM_2_201701	CS_OFFL_SIR_FDM_220170108T132018_20170108T135354_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170108T173529_C001  CS_OFFL_SIR_FDM_2_20170108T181755_20170108T183507_C001  CS_OFFL_SIR_FDM_2_20170108T181755_20170108T183507_C001  CS_OFFL_SIR_FDM_2_20170108T183510_20170108T184711_C001  CS_OFFL_SIR_FDM_2_20170108T183510_20170108T184711_C001  CS_OFFL_SIR_FDM_2_20170108T190850_20170108T192433_C001  CS_OFFL_SIR_FDM_2_20170108T190850_20170108T192433_C001  CS_OFFL_SIR_FDM_2_20170108T190850_20170108T201218_C001  CS_OFFL_SIR_FDM_2_20170108T201358_20170108T201218_C001  CS_OFFL_SIR_FDM_2_20170108T201358_20170108T201852_C001  CS_OFFL_SIR_FDM_2_20170108T205051_20170108T205800_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T2032049_C001  CS_OFFL_SIR_FDM_2_20170108T213700_20170108T202049_C001  CS_OFFL_SIR_FDM_2_20170108T213526_20170108T220049_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T23127_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T23127_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T231376_001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T20049_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T20049_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T231427_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter S	CS_OFFL_SIR_FDM_220170108T163849_20170108T171143_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170108T181755_20170108T183507_C001  CS_OFFL_SIR_FDM_2_20170108T183510_20170108T184711_C001  CS_OFFL_SIR_FDM_2_20170108T190850_20170108T192433_C001  CS_OFFL_SIR_FDM_2_20170108T190850_20170108T192433_C001  CS_OFFL_SIR_FDM_2_20170108T190850_20170108T192433_C001  CS_OFFL_SIR_FDM_2_20170108T190850_20170108T201218_C001  CS_OFFL_SIR_FDM_2_20170108T201358_20170108T2012852_C001  CS_OFFL_SIR_FDM_2_20170108T201358_20170108T2012852_C001  CS_OFFL_SIR_FDM_2_20170108T205051_20170108T20500_C001  CS_OFFL_SIR_FDM_2_20170108T205023_20170108T212321_C001  CS_OFFL_SIR_FDM_2_20170108T205023_20170108T20108T20049_C001  CS_OFFL_SIR_FDM_2_20170108T213700_20170108T220049_C001  CS_OFFL_SIR_FDM_2_20170108T201556_20170108T231526_201701	CS_OFFL_SIR_FDM_220170108T172839_20170108T173529_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170108T183510_20170108T192433_C001  CS_OFFL_SIR_FDM_2_20170108T190850_20170108T192433_C001  CS_OFFL_SIR_FDM_2_20170108T190850_20170108T192433_C001  CS_OFFL_SIR_FDM_2_20170108T195727_20170108T201218_C001  CS_OFFL_SIR_FDM_2_20170108T201358_20170108T201285_C001  CS_OFFL_SIR_FDM_2_20170108T201358_20170108T201852_C001  CS_OFFL_SIR_FDM_2_20170108T205051_20170108T205800_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T212321_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T212321_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T2049_C001  CS_OFFL_SIR_FDM_2_20170108T21350_20170108T220049_C001  CS_OFFL_SIR_FDM_2_20170108T213526_20170108T220049_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T22049_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T231526_20170108T231526_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T220449_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T231526_20170108T231526_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T220449_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108	CS_OFFL_SIR_FDM_220170108T181755_20170108T183507_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170108T190850_20170108T201218_C001  CS_OFFL_SIR_FDM_2_20170108T201358_20170108T201852_C001  CS_OFFL_SIR_FDM_2_20170108T20551_20170108T20550_C001  CS_OFFL_SIR_FDM_2_20170108T20552_20170108T20550_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T20358_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T20350_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T20350_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T20350_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T20590_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T20590_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T20590_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T20049_C001  CS_OFFL_SIR_FDM_2_20170108T213700_20170108T220049_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T220049_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T2059049_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag  CFI Backscatter Status Flag  CFI Bac	CS_OFFL_SIR_FDM_220170108T183510_20170108T184711_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170108T201358_20170108T201852_C001  CS_OFFL_SIR_FDM_2_20170108T201358_20170108T201852_C001  CS_OFFL_SIR_FDM_2_20170108T205051_20170108T205800_C001  CS_OFFL_SIR_FDM_2_20170108T205051_20170108T205800_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T212321_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T212321_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T212321_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T220049_C001  CS_OFFL_SIR_FDM_2_20170108T213700_20170108T220049_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T234127_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T234127_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Status Flag  CFI Backscatter Status Flag, SWH Squared Status Flag  CFI Backscatter Status Flag  CFI Backsca	CS_OFFL_SIR_FDM_220170108T190850_20170108T192433_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170108T201358_20170108T201852_C001  CS_OFFL_SIR_FDM_2_20170108T205051_20170108T205800_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T212321_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T220049_C001  CS_OFFL_SIR_FDM_2_20170108T213700_20170108T220049_C001  CS_OFFL_SIR_FDM_2_20170108T213700_20170108T220049_C001  CS_OFFL_SIR_FDM_2_20170108T213700_20170108T220049_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag  CFI Back	CS_OFFL_SIR_FDM_220170108T195727_20170108T201218_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20170108T205051_20170108T205800_C001  CS_OFFL_SIR_FDM_2_20170108T205923_20170108T212321_C001  CS_OFFL_SIR_FDM_2_20170108T213700_20170108T220049_C001  CS_OFFL_SIR_FDM_2_20170108T213700_20170108T220049_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20170108T213700_20170108T220049_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status	CS_OFFL_SIR_FDM_220170108T201358_20170108T201852_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170108T205923_20170108T212321_C001  CS_OFFL_SIR_FDM_2_20170108T213700_20170108T220049_C001  CS_OFFL_SIR_FDM_2_20170108T213700_20170108T220049_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag  CFI Backscatt	CS_OFFL_SIR_FDM_220170108T205051_20170108T205800_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170108T213700_20170108T220049_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T234127_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T234127_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T234127_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T234127_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T234127_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T234127_C001  CS_OFFL_SIR_FDM_2_20170108T231526_20170108T234127_C001	CS_OFFL_SIR_FDM_220170108T205923_20170108T212321_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170108T231526_20170108T234127_C001 CFI Backscatter Status Flag, SWH indicating the values stored in fields #41, #42, #43 and #44 should be	CS_OFFL_SIR_FDM_220170108T213700_20170108T220049_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
	CS_OFFL_SIR_FDM_220170108T231526_20170108T234127_C001		indicating the values stored in fields #41, #42, #43 and #44 should be

# 6.8 L2 FDM Ocean Retracking Quality Check

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

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220170108T000642_20170108T003509_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_220170108T005841_20170108T013143_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_220170108T022240_20170108T022433_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_220170108T023803_20170108T031134_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_220170108T032432_20170108T034723_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_220170108T041559_20170108T044936_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_220170108T050519_20170108T053952_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_220170108T055817_20170108T060654_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_220170108T061135_20170108T061304_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_220170108T061307_20170108T062912_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_220170108T064650_20170108T065952_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_220170108T070206_20170108T071424_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_220170108T074129_20170108T075154_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_220170108T075334_20170108T080800_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_220170108T083204_20170108T083556_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_220170108T084249_20170108T084544_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_220170108T084707_20170108T085418_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_220170108T092256_20170108T093708_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_220170108T100058_20170108T103539_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_220170108T110134_20170108T112650_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_220170108T114046_20170108T115155_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_220170108T115732_20170108T121314_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_220170108T124458_20170108T125808_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_220170108T130018_20170108T130628_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_220170108T132018_20170108T135354_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_220170108T140830_20170108T140912_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_220170108T142835_20170108T143643_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_220170108T145855_20170108T152133_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_220170108T155721_20170108T161026_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_220170108T163849_20170108T171143_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_220170108T172839_20170108T173529_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_220170108T173543_20170108T175957_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_220170108T181755_20170108T183507_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_220170108T183510_20170108T184711_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_220170108T190850_20170108T192433_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_220170108T195727_20170108T201218_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_220170108T201358_20170108T201852_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_220170108T202107_20170108T202905_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_220170108T205051_20170108T205800_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_220170108T205923_20170108T212321_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_220170108T213700_20170108T220049_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_20170108T222800_20170108T230201_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_220170108T231526_20170108T234127_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.

# 7. QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR1LRM_0_	150	150	150	0	0
SIR1SAR_0_	115	115	115	0	0
SIR1SIN_0_	99	99	99	0	0
SIR2SIN_0_	105	105	105	0	0
SIR_FDM_1B	150	150	150	0	0
SIR FDM 2	149	149	149	0	0

## 7.1 QCC Errors

Number of QCC reports with errors:

0

## 7.2 QCC Warnings

Number of QCC reports with warnings

0

# 7.3 Missing QCC Reports

Number of products with missing QCC reports:

0