



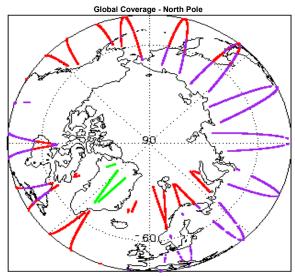
# 1. Overview

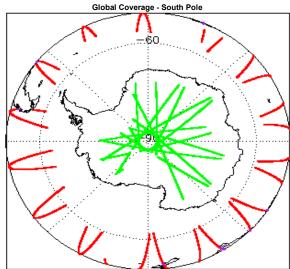
Report Production Date:	31-Oct-2017
Processor Used:	CryoSat Ice Processor
Data Used:	L1 and L2 Fast Delivery Marine (FDM)  Mode and L0 Data

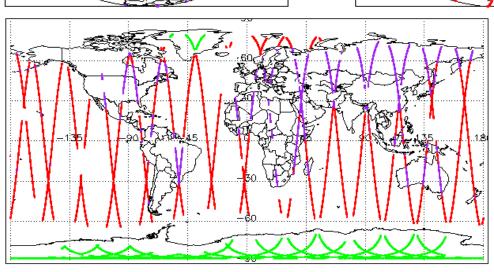
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File 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

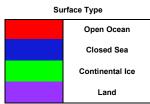
Mission / Instrument News		
29-Oct-2017	None	
30-Oct-2017	None	
31-Oct-2017	Nothing planned	

# 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 & 2

# 4. Level 0 Data Quality Check

## 4.1 L0 Product Format Check

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

#### 4.2 L0 Product Header Analysis

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

Number of products with errors:

	- 1	1

Product	Test Failed
CS_OPER_SIR1SAR_020171030T120711_20171030T121539_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020171030T041806_20171030T042019_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020171030T153257_20171030T153408_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171030T035545_20171030T035705_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171030T055719_20171030T060217_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171030T005554_20171030T005903_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171030T204112_20171030T204303_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171030T175028_20171030T175214_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171030T181947_20171030T182218_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020171030T043735_20171030T044200_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020171030T201133_20171030T201419_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020171030T005554_20171030T005903_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020171030T224907_20171030T225032_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020171030T152145_20171030T152245_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: 0

#### 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.

lumber 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_20171030T083656_20171030T084340_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20171030T101921_20171030T102033_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20171030T152245_20171030T152353_C001	No Star Tracker file used in the processing of this product

#### 5.4 L1B FDM Calibration Usage Check

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

0

Number of products with errors:

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

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

Number of products with errors:

#### 5.6 L1B FDM Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag (field 54) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors: 0

#### 5.7 L1B FDM Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20171030T083656_20171030T084340_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20171030T101921_20171030T102033_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20171030T152245_20171030T152353_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.

## 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:

E0

Number of products with errors: 52  Product	Test Failed	Description
CS_OFFL_SIR_FDM_2 _20171029T235424_20171030T001500_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_220171030T003918_20171030T004242_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_220171030T013254_20171030T020906_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220171030T031242_20171030T032743_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_220171030T032746_20171030T032920_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS OFFL SIR FDM 2 20171030T033402 20171030T034503 C001	Wind Speed Sea State Bias Correction, Mean Sea	Correction for one or more records  There is an error with the Altimetric Wind Speed, the Sea State Bias
	Surface height, Altimetric Wind Speed Sea State Bias Correction, Altimetric	Correction and the Mean Sea Surface Height for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220171030T034531_20171030T034540_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220171030T040136_20171030T041805_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220171030T042020_20171030T043501_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_220171030T045141_20171030T050559_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220171030T050811_20171030T051745_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
	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_220171030T053853_20171030T053921_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220171030T054129_20171030T055311_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_220171030T055317_20171030T055719_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_220171030T060217_20171030T061527_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more
CS OFFL SIR FDM 2 20171030T063143 20171030T064743 C001	Sea State Bias Correction	records 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_220171030T064813_20171030T065307_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_220171030T070016_20171030T070708_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220171030T071916_20171030T072741_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_220171030T072925_20171030T075512_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220171030T081128_20171030T083509_C001	Sea State Bias Correction, Mean Sea	Correction for one or more records  There is an error with the Altimetric Wind Speed, the Sea State Bias
	Surface height, Altimetric Wind Speed Sea State Bias Correction, Altimetric	Correction and the Mean Sea Surface Height for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220171030T084750_20171030T084821_C001	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records
CS_OFFL_SIR_FDM_220171030T090806_20171030T091800_C001	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_220171030T095018_20171030T101723_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_220171030T102452_20171030T102741_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 20171030T103953 20171030T111209 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS OFFL SIR FDM 2 20171030T113051 20171030T113322 C001	Wind Speed	Correction for one or more records  There is an error with the Mean Sea Surface Height for one or more
<del></del>	Mean Sea Surface height Sea State Bias Correction, Altimetric	records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220171030T115748_20171030T115749_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220171030T121855_20171030T122810_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_220171030T123055_20171030T125214_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_220171030T130945_20171030T131925_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS OFFL SIR FDM 2 20171030T135544 20171030T143054 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
	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_220171030T145005_20171030T152144_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220171030T153527_20171030T154850_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_220171030T155443_20171030T161026_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_220171030T162758_20171030T164145_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more
CS OFFL SIR FDM 2 20171030T164359 20171030T170019 C001	Sea State Bias Correction, Altimetric	records 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_220171030T170211_20171030T170225_C001	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records
CS_OFFL_SIR_FDM_220171030T172332_20171030T173350_C001	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_220171030T173530_20171030T174902_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_220171030T180550_20171030T180723_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220171030T180937_20171030T181947_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
	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_220171030T182218_20171030T182737_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220171030T183021_20171030T184029_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_220171030T190628_20171030T192719_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_20171030T203300_20171030T203317_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220171030T204303_20171030T210657_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
05_011L_3IK_FDIVI_Z201710301204303_201710301210037_0001	Wind Speed	Correction for one or more records

CS_OFFL_SIR_FDM_220171030T221900_20171030T222621_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220171030T222625_20171030T223718_C001		There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220171030T224223_20171030T224609_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_220171030T230401_20171030T233553_C001		There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220171030T234815_20171030T235002_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records

## 6.5 L2 FDM Measurement Confidence Data Check

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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 errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220171030T083656_20171030T084340_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220171030T101921_20171030T102033_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220171030T152245_20171030T152353_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: 33

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220171030T003918_20171030T004242_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_220171030T013254_20171030T020906_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_220171030T031242_20171030T032743_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_220171030T032746_20171030T032920_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_220171030T033402_20171030T034503_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_220171030T042020_20171030T043501_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_220171030T045141_20171030T050559_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_220171030T050811_20171030T051745_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_220171030T054129_20171030T055311_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_220171030T055317_20171030T055719_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_220171030T070016_20171030T070708_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_220171030T071916_20171030T072741_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_220171030T072925_20171030T075512_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_220171030T081128_20171030T083509_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_220171030T095018_20171030T101723_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_220171030T102452_20171030T102741_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_220171030T103953_20171030T111209_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_220171030T121855_20171030T122810_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_220171030T123055_20171030T125214_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_220171030T135544_20171030T143054_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_220171030T153527_20171030T154850_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_220171030T155443_20171030T161026_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_220171030T164359_20171030T170019_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_220171030T170211_20171030T170225_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_220171030T172332_20171030T173350_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_220171030T180937_20171030T181947_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_220171030T182218_20171030T182737_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_220171030T183021_20171030T184029_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_220171030T190628_20171030T192719_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_220171030T203300_20171030T203317_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_220171030T204303_20171030T210657_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_220171030T222625_20171030T223718_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_220171030T230401_20171030T233553_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:

33

Product	Test Failed	Description
CS_OFFL_SIR_FDM_2_20171030T003918_20171030T004242_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_20171030T013254_20171030T020906_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_20171030T031242_20171030T032743_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_20171030T032746_20171030T032920_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_20171030T033402_20171030T034503_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_20171030T042020_20171030T043501_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_20171030T045141_20171030T050559_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_20171030T050811_20171030T051745_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_220171030T054129_20171030T055311_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_220171030T055317_20171030T055719_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_20171030T070016_20171030T070708_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_20171030T071916_20171030T072741_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_20171030T072925_20171030T075512_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_220171030T081128_20171030T083509_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_220171030T095018_20171030T101723_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_220171030T102452_20171030T102741_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_220171030T103953_20171030T111209_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_220171030T121855_20171030T122810_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_220171030T123055_20171030T125214_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_220171030T135544_20171030T143054_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_220171030T153527_20171030T154850_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_220171030T155443_20171030T161026_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_220171030T164359_20171030T170019_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_20171030T170211_20171030T170225_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_220171030T172332_20171030T173350_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_220171030T180937_20171030T181947_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_220171030T182218_20171030T182737_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_220171030T183021_20171030T184029_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_220171030T190628_20171030T192719_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_220171030T203300_20171030T203317_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_220171030T204303_20171030T210657_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_220171030T222625_20171030T223718_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_20171030T230401_20171030T233553_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

# 6.8 L2 FDM Ocean Retracking Quality Check

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

Number of products with errors:

Co. Def.   Silk   P.DM. 2_0171030703012   20171030703014   2017103070301	Product	Test Failed	Description
Doesn Retracking Quality Fing The Content Retracking Quality Fing	CS_OFFL_SIR_FDM_220171029T235424_20171030T001500_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
So. OFFL.SR.FDM201710007031242_0017000703473. COID  Ocean Retracking Quality Flag  Ocean Retracking Quality Flag  Ocean Retracking Quality Stag  Ocean Retracking Quality Stag  Ocean Retracking Quality Stag  Ocean Retracking Quality Stag  Common Retracking Quality Stag  Ocean Retracking Quality Stag  The Ocean Retracking Quality Flag  Ocean Retracking Quality Stag  The Ocean Retracking Stag Stag Stag Stag Stag Stag Stag Sta	CS_OFFL_SIR_FDM_220171030T003918_20171030T004242_C001	Ocean Retracking Quality Flag	0 , 0
SOFFL_SIR_FDM_2_201710307045287_201710307045190_C001  Osean Retracking Quality Flag Cosen Retrac	CS_OFFL_SIR_FDM_220171030T013254_20171030T020906_C001	Ocean Retracking Quality Flag	
So, OFFL_SIR_FDM_2_2017(0301034746_001 / 10301034262_001)  Osean Retracking Quality Flag Retrockers and successfully executed for one or more records. The Clean Retracking the CFL Cosen Retracking Quality Flag is entire inclining the CFL Cosen Retracking Quality Flag is retrocking the CFL Cosen Retracking Quality Flag is retrocked price or or more records. The Cosen Retracking Quality Flag is retrocked price or or more records. The Cosen Retracking Quality Flag is retrocked price or or more records. The Cosen Retracking Quality Flag is retrocked price or or more records. The Cosen Retracking Quality Flag is set indicating the CFL Cosen Retracking Quality Flag is retrocked price or or more records. The Cosen Retracking Quality Flag is retrocked to core or more records. The Cosen Retracking Quality Flag is retrocked to core more records. The Cosen Retracking Quality Flag is retrocked to core more records. The Cosen Retracking Quality Flag is retrocked to core more records. The Cosen Retracking Quality Flag is retrocked to core more records. The Cosen Retracking Quality Flag is retrocked to core more records. The Cosen Retracking Quality Flag is retrocked to core more records. The Cosen Retracking Quality Flag is retrocked to core or more records. The Cosen Retracking Quality Flag is retrocked to core or more records. The Cosen Retracking Quality Flag is retrocked to core or more records. The Cosen Retracking Quality Flag is retrocked to core or more records. The Cosen Retracking Quality Flag is retrocked to core or more records. The Cosen Retracking Quality Flag is retrocked to core or more records. The Cosen Retracking Quality Flag is retrocked to core or more records. The Cosen Retracking Quality Flag is retrocked for core or more records. The Cosen Retracking Quality Flag is retrocked for core or more records. The Cosen Retracking Quality Flag is retrocked for core or more records. The Cosen Retracking Quality Flag is retrocked for core or more records. The Cosen Retracking Quality Flag is retrocked for core o	CS_OFFL_SIR_FDM_220171030T031242_20171030T032743_C001	Ocean Retracking Quality Flag	
CS_OFFL_SIR_FDM_2_2017/030704036_20171030704505_C001  Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more records.  The Ocean Retracking Quality Flag Retracker was not seccessfully executed for one or more record	CS_OFFL_SIR_FDM_220171030T032746_20171030T032920_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_2017/030104/030_2017/03010450_2001  Ocean Retracking Quality Flag  Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag as clinearing the CFI Ocean Retracking Qua	CS_OFFL_SIR_FDM_220171030T033402_20171030T034503_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
Ocean Retracking Quality Flag  Sey Flag. SiR, FDM. 2_2017/10301045141_2017/10301055959_C001  Ocean Retracking Quality Flag  Ocean Retracking Quality Flag  Cocan Retracking Quality Flag  Deen Retracking Quality Flag bis set indicating the CFI Ocean  Retracking Quality Flag bis set indicating the CFI Ocean  Retracking Quality Flag bis set indicating the CFI Ocean  Retracking Quality Flag bis set indicating the CFI Ocean  Retracking Quality Flag bis set indicating the CFI Ocean  Retracking Quality Flag bis set indicating the CFI Ocean  Retracking Quality Flag bis set indicating the CFI Ocean  Retracking Quality Flag bis set indicating the CFI Ocean  Retracking Quality Flag bis set indicating the CFI Ocean  Retracking Quality Flag bis set indicating the CFI Ocean  Retracking Quality Flag bis set indicating the CFI Ocean  Retracking Quality Flag bis set indicating the CFI Ocean  Retracking Quality Flag bis set indicating the CFI Ocean  Retracking Quality Flag bis set indicating the CFI Ocean  Retracking Quality Flag  Deen Retracking Quality Flag  Deen Retracking Quality Flag	CS_OFFL_SIR_FDM_220171030T040136_20171030T041805_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
So_FFL_SIR_FDM_2_20171030T05611_20171030T056511_0001  Ocean Retracking Quality Flag  Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag  Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag  Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag  Retracker was not successfully executed for one or more records. Retracking Quality Flag  Retracker was not successfully executed for one or more records. Retracking Quality Flag  Retracker was not successfully executed for one or more records. Retracking Quality Flag  Retracker was not successfully executed for one or more records. Retracking Quality Flag  Retracker was not successfully executed for one or more records. Retracking Quality Flag  Retracker was not successfully executed for one or more records. Retracking Quality Flag  Retracker was not successfully executed for one or more records. Retracking Quality Flag  Retracker was not successfully executed for one or more records. Retracking Quality Flag is et indicating the CFI Ocean Retracking Quality Flag is et indicating the CFI Ocean Retracking Quality Flag is et indicating the CFI Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. Retracker and successfully executed for one or more records. Retracker and successfully executed for one or more records. Retracker and successfully executed for one or more records. Retracker and successfully executed for one or more records. Retracker and successfully executed for one or more records. Retracker was not successfully executed for one or more records. Retracker was not successfully executed for one or more records. Retracker was not successfully executed for one or more records. Retracker was not successfully executed for one or more records. Retracker was not successfully executed for one or more records. Retracker was not successfully executed for one or more records. Retracker was not	CS_OFFL_SIR_FDM_220171030T042020_20171030T043501_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_201710301054129_201710307055311_C001  CS_OFFL_SIR_FDM_2_201710301055129_201710307055311_C001  CS_OFFL_SIR_FDM_2_201710301055112_0001  CS_OFFL_SIR_FDM_2_201710301055112_0001  CS_OFFL_SIR_FDM_2_20171030106217_20170307051527_C001  CS_OFFL_SIR_FDM_2_20171030106217_201710307061527_C001  CS_OFFL_SIR_FDM_2_201710301063143_201710307061527_C001  CS_OFFL_SIR_FDM_2_201710301063143_201710307065307_C001  CS_OFFL_SIR_FDM_2_201710301063143_201710301065307_C001  CS_OFFL_SIR_FDM_2_201710301064313_201710301065307_C001  CS_OFFL_SIR_FDM_2_201710301064313_201710301065307_C001  CS_OFFL_SIR_FDM_2_201710301064313_201710301065307_C001  CS_OFFL_SIR_FDM_2_201710301070706_20170301070708_C001  CS_OFFL_SIR_FDM_2_201710301070708_C001  CS_OFFL_SIR_FDM_2_20171030107070708_C001  CS_OFFL_SIR_FDM_2_20171030107070709_C001  CS_OFFL_SIR_FDM_2_20171030107070709_C001  CS_OFFL_SIR_FDM_2_20171030107070709_C001  CS_OFFL_SIR_FDM_2_20171030107070709_C001  CS_OFFL_SIR_FDM_2_20171030107070709_C001  CS_OFFL_SIR_FDM_2_20171030107070709_C001  CS_OFFL_SIR_FDM_2_201710301070709_C001  CS_OFFL_SIR_FDM_2_20171030107090709_C0	CS_OFFL_SIR_FDM_220171030T045141_20171030T050559_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFF_SIR_FDM_2_20171030109512_20171030T05517_2001  Ocean Retracking Quality Flag  The Corac Retracking Quality Resculted for one or more records.  The Corac Retracking Quality Flag  The Cor	CS_OFFL_SIR_FDM_220171030T050811_20171030T051745_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_01710301069217_20171030106927_001  Ocean Retracking Quality Flag  Retracker was not successfully executed for one or more records.  The Comment of the Co	CS_OFFL_SIR_FDM_220171030T054129_20171030T055311_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030T063143_20171030T063743_C001  Ocean Retracking Quality Flag  Flag  CS_OFFL_SIR_FDM_2_20171030T063143_20171030T065307_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T064813_20171030T07078_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T070016_20171030T07079_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T070116_20171030T07079_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T071916_20171030T077274_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T072952_20171030T075512_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T072952_20171030T075512_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T081128_20171030T075512_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T081128_20171030T075512_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T081128_20171030T075512_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T081128_20171030T10723_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T081128_20171030T10723_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T102462_20171030T107241_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T102452_20171030T1102741_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T115748_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T115745_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T115545_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T115545_C001  Ocean Retracking Quality Flag  CS_OFFL_SIR_FDM_2_20171030T11	CS_OFFL_SIR_FDM_220171030T055317_20171030T055719_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_201710301063432_201710301064743_C001  Ocean Retracking Quality Flag 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. 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. 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. 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 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 indi	CS_OFFL_SIR_FDM_220171030T060217_20171030T061527_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_201710301063017_C001  Ocean Retracking Quality Flag  Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracker was not successfully executed for one or more records.  CS_OFFL_SIR_FDM_2_20171030T103953_20171030T115749_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracker was not successfully executed for one or more records.  The Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracker was not successfully executed for one or more records.  The Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracker was not successfully executed for one or more records.  The Ocean Retracking Quality Flag is set indicating the CPI Ocean Retracker was not successfully executed for one or more records.  CS_OF	CS_OFFL_SIR_FDM_220171030T063143_20171030T064743_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_201710301070708_201710301070708_C001  Ocean Retracking Quality Flag  Retracker was not successfully executed for one or more records.  The Ocean Retracking Quality Flag is est indicating the CFI Ocean Retracking Quality Flag is est indicating Quality Flag Self-Quality Flag is est indicating Quality Flag Self-Quality Flag Self-Qualit	CS_OFFL_SIR_FDM_220171030T064813_20171030T065307_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030172925_2017103017075512_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the	CS_OFFL_SIR_FDM_220171030T070016_20171030T070708_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030T081128_20171030T083509_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.  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_20171030T102452_20171030T102741_C001  Ocean Retracking Quality Flag  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.  CS_OFFL_SIR_FDM_2_20171030T103953_20171030T102741_C001  Ocean Retracking Quality Flag  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.  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.  CS_OFFL_SIR_FDM_2_20171030T115748_20171030T115749_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_20171030T123055_20171030T125214_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.  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_20171030T135544_20171030T143054_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.  The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retrac	CS_OFFL_SIR_FDM_220171030T071916_20171030T072741_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
Retracker was not successfully executed for one or more records.  CS_OFFL_SIR_FDM_2_20171030T095018_20171030T10723_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag 2_20171030T102452_20171030T102741_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag 2_20171030T103953_20171030T1102741_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag 2_20171030T115748_20171030T115749_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. 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. 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. 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. 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 Retracking Quality Flag 2_20171030T15544_20171030T164056_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. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retra	CS_OFFL_SIR_FDM_220171030T072925_20171030T075512_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030T102452_20171030T102741_C001  CS_OFFL_SIR_FDM_2_20171030T102452_20171030T11029_C001  CS_OFFL_SIR_FDM_2_20171030T1103953_20171030T111209_C001  CS_OFFL_SIR_FDM_2_20171030T115748_20171030T111209_C001  CS_OFFL_SIR_FDM_2_20171030T115748_20171030T1115749_C001  CS_OFFL_SIR_FDM_2_20171030T112055_20171030T112810_C001  CS_OFFL_SIR_FDM_2_20171030T1121855_20171030T112810_C001  CS_OFFL_SIR_FDM_2_20171030T112355_20171030T112810_C001  CS_OFFL_SIR_FDM_2_20171030T12355_20171030T122810_C001  CS_OFFL_SIR_FDM_2_20171030T12355_20171030T125214_C001  CS_OFFL_SIR_FDM_2_20171030T135544_20171030T143054_C001  CS_OFFL_SIR_FDM_2_20171030T155445_20171030T143054_C001  CS_OFFL_SIR_FDM_2_20171030T155545_20171030T154850_C001  CS_OFFL_SIR_FDM_2_20171030T155443_20171030T16026_C001  CS_OFFL_SIR_FDM_2_20171030T162758_20171030T164145_C001  CS_OFFL_SIR_FDM_2_20171030T164359_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T164359_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T1701712332_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T1701701712332_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T1701701712332_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T1701701712332_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T1701701701712332_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T17030T17017019_C001  CCS_OFFL_SIR_FDM_2_20171030T17030T170170019_C001  CCS_OFFL_SIR_FDM_2_20171030T17030T170019_C001  CCS_OFFL_SIR_FDM_2_20171030T17030T170019_C001  CCS_OFFL_SIR_FDM_2_20171030T17030T170019_C001  CCS_OFFL_SIR_FDM_2_20171030T17030T170019_C001  CCS_OFFL_SIR_FDM_2_20171030T17030T170019_C001  CCS_OFFL_SIR_FDM_2_20171030T17030T170019_C001  CCS_OFFL_SIR_FDM_2_20171030T17030T170019_C001  CCCORR Retracking Quality Flag  CCCORR Retracking Quality Flag is set indicating the CFl Ocean Retracker was not successfully executed for one or more records.  The Ocean Retracking Quality Flag is set indicating the CFl Ocean Retracker was not successfully executed for one or more records.  The Ocean Retracking Quality Flag is set indicating the CFl	CS_OFFL_SIR_FDM_220171030T081128_20171030T083509_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030110243_20171030110244_C001  Ocean Retracking Quality Flag  Retracker was not successfully executed for one or more records.  The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracking Quality Flag and Set indicating the CFI 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.  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.  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.  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.  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.  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.  The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.  The Ocean	CS_OFFL_SIR_FDM_220171030T095018_20171030T101723_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030T115748_20171030T115749_C001  CS_OFFL_SIR_FDM_2_20171030T115748_20171030T112810_C001  CS_OFFL_SIR_FDM_2_20171030T123855_20171030T122810_C001  CS_OFFL_SIR_FDM_2_20171030T123055_20171030T122810_C001  CS_OFFL_SIR_FDM_2_20171030T123055_20171030T125214_C001  CS_OFFL_SIR_FDM_2_20171030T135544_20171030T135214_C001  CS_OFFL_SIR_FDM_2_20171030T135544_20171030T143054_C001  CS_OFFL_SIR_FDM_2_20171030T153527_20171030T154850_C001  CS_OFFL_SIR_FDM_2_20171030T153527_20171030T154850_C001  CS_OFFL_SIR_FDM_2_20171030T153527_20171030T154850_C001  CS_OFFL_SIR_FDM_2_20171030T155443_20171030T16026_C001  CS_OFFL_SIR_FDM_2_20171030T155443_20171030T16026_C001  CS_OFFL_SIR_FDM_2_20171030T160758_20171030T16026_C001  CS_OFFL_SIR_FDM_2_20171030T160758_20171030T160758_20171030T160758_20171030T160758_20171030T160758_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T160758_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T170011_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T170011_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T170011_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T170011_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T170011_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T170011_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T170011_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T170011_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T170011_20171030T170019_C001  CCS_OFFL_SIR_FDM_2_20171030T170011_20171030T170019_C001  CCS_OFFL_SIR_FDM_2_20171030T170011_20171030T170019_C001  CCS_OFFL_SIR_FDM_2_20171030T170011_20171030T170019_C001  CCCOMPARED A COMPARED A COMPAR	CS_OFFL_SIR_FDM_220171030T102452_20171030T102741_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030T115749_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 Retracker was not successfully executed for one or more records.  CS_OFFL_SIR_FDM_2_20171030T125054_20171030T143054_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.  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_20171030T153527_20171030T154850_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_20171030T155443_20171030T161026_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_20171030T162758_20171030T164145_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_20171030T164359_20171030T170019_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.  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.  The Ocean Retrac	CS_OFFL_SIR_FDM_220171030T103953_20171030T111209_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030T125527_20171030T143054_C001  CS_OFFL_SIR_FDM_2_20171030T135544_20171030T143054_C001  CS_OFFL_SIR_FDM_2_20171030T15544_20171030T154850_C001  CS_OFFL_SIR_FDM_2_20171030T155443_20171030T161026_C001  CS_OFFL_SIR_FDM_2_20171030T155443_20171030T161026_C001  CS_OFFL_SIR_FDM_2_20171030T164359_20171030T164145_C001  CS_OFFL_SIR_FDM_2_20171030T164359_20171030T164145_C001  CS_OFFL_SIR_FDM_2_20171030T164359_20171030T17030T16001  CS_OFFL_SIR_FDM_2_20171030T164359_20171030T17030T16001  CS_OFFL_SIR_FDM_2_20171030T164359_20171030T17030T16001  CS_OFFL_SIR_FDM_2_20171030T17030T170211_20171030T170225_C001  CS_OFFL_SIR_FDM_2_20171030T17030T170211_20171030T170225_C001  CS_OFFL_SIR_FDM_2_20171030T170311_20171030T170225_C001  CS_OFFL_SIR_FDM_2_20171030T170311_20171030T17030T17030T17030T170315_C001  CS_OFFL_SIR_FDM_2_20171030T170311_20171030T17030T17030T170315_C001  CS_OFFL_SIR_FDM_2_20171030T170311_20171030T17030T17030T170315_C001  CS_OFFL_SIR_FDM_2_20171030T170311_20171030T17030T17030T170315_C001  CCS_OFFL_SIR_FDM_2_20171030T170311_20171030T17030T17030T170315_C001  CCS_OFFL_SIR_FDM_2_20171030T170311_20171030T17030T17030T170315_C001  CCS_OFFL_SIR_FDM_2_20171030T170311_20171030T17030T17030T170315_C001  CCS_OFFL_SIR_FDM_2_20171030T170311_20171030T17030T17030T170315_C001  CCS_OFFL_SIR_FDM_2_20171030T170311_20171030T17030T17030T170315_C001  CCS_OFFL_SIR_FDM_2_20171030T170311_20171030T17030T170315_C001  CCS_OFFL_SIR_FDM_2_20171030T170311_20171030T17030T170315_C001  CCS_OFFL_SIR_FDM_2_20171030T170311_20171030T17030T17030T170315_C001  CCS_OFFL_SIR_FDM_2_20171030T170311_20171030T17030T170315_C001  CCS_OFFL_SIR_FDM_2_20171030T17	CS_OFFL_SIR_FDM_220171030T115748_20171030T115749_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030T125544_20171030T143054_C001  CS_OFFL_SIR_FDM_2_20171030T155544_20171030T154850_C001  CS_OFFL_SIR_FDM_2_20171030T155443_20171030T161026_C001  CS_OFFL_SIR_FDM_2_20171030T155443_20171030T161026_C001  CS_OFFL_SIR_FDM_2_20171030T16258_20171030T161026_C001  CS_OFFL_SIR_FDM_2_20171030T16258_20171030T164445_C001  CS_OFFL_SIR_FDM_2_20171030T164359_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T17030T170211_20171030T170025_C001  CS_OFFL_SIR_FDM_2_20171030T17031T1	CS_OFFL_SIR_FDM_220171030T121855_20171030T122810_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030T153527_20171030T161026_C001  CS_OFFL_SIR_FDM_2_20171030T15527_20171030T161026_C001  CS_OFFL_SIR_FDM_2_20171030T16258_20171030T161026_C001  CS_OFFL_SIR_FDM_2_20171030T162758_20171030T164145_C001  CS_OFFL_SIR_FDM_2_20171030T162758_20171030T164145_C001  CS_OFFL_SIR_FDM_2_20171030T164359_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T17030T164359_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T17030T170211_20171030T170225_C001  CS_OFFL_SIR_FDM_2_20171030T17031T17031T17031T170325_C001  CS_OFFL_SIR_FDM_2_20171030T17031T170	CS_OFFL_SIR_FDM_220171030T123055_20171030T125214_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030T15343_20171030T161026_C001  CS_OFFL_SIR_FDM_2_20171030T16258_20171030T164145_C001  CS_OFFL_SIR_FDM_2_20171030T164359_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T17030T17030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T17030T170211_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T17031	CS_OFFL_SIR_FDM_220171030T135544_20171030T143054_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030T16258_20171030T161026_C001  CS_OFFL_SIR_FDM_2_20171030T162758_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T170211_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T170211_20171030T170225_C001  CS_OFFL_SIR_FDM_2_20171030T170211_20171030T170225_C001  CS_OFFL_SIR_FDM_2_20171030T170211_20171030T170225_C001  CS_OFFL_SIR_FDM_2_20171030T170211_20171030T17030T	CS_OFFL_SIR_FDM_220171030T153527_20171030T154850_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030T164359_20171030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T17030T170019_C001  CS_OFFL_SIR_FDM_2_20171030T17031T17030T17030T170025_C001  CS_OFFL_SIR_FDM_2_20171030T17031T17030	CS_OFFL_SIR_FDM_220171030T155443_20171030T161026_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030T1803S_20171030T1700T9_C00T  CS_OFFL_SIR_FDM_2_20171030T170211_20171030T170225_C001  CS_OFFL_SIR_FDM_2_20171030T17031T2332_20171030T173350_C001  CS_OFFL_SIR_FDM_2_20171030T172332_20171030T173350_C001  CS_OFFL_SIR_FDM_2_20171030T172332_20171030T173350_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.  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 Re	CS_OFFL_SIR_FDM_220171030T162758_20171030T164145_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20171030T17032T1_20171030T17032S_C001  CS_OFFL_SIR_FDM_2_20171030T172332_20171030T173350_C001  CS_OFFL_SIR_FDM_2_20171030T172332_20171030T173350_C001  CS_OFFL_SIR_FDM_2_20171030T17030T17030T173350_C001  CS_OFFL_SIR_FDM_2_20171030T1703	CS_OFFL_SIR_FDM_220171030T164359_20171030T170019_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_201710301172332_201710301173350_C001  Ocean Retracking Quality Flag  Retracker was not successfully executed for one or more records.  The Ocean Retracking Quality Flag is set indicating the CFI Ocean	CS_OFFL_SIR_FDM_220171030T170211_20171030T170225_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
	CS_OFFL_SIR_FDM_220171030T172332_20171030T173350_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
	CS_OFFL_SIR_FDM_220171030T180937_20171030T181947_C001	Ocean Retracking Quality Flag	

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CS_OFFL_SIR_FDM_220171030T182218_20171030T182737_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_220171030T183021_20171030T184029_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_220171030T190628_20171030T192719_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_220171030T194355_20171030T201133_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_220171030T203300_20171030T203317_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_220171030T204303_20171030T210657_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_220171030T212317_20171030T213347_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_220171030T221900_20171030T222621_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_220171030T222625_20171030T223718_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_220171030T230401_20171030T233553_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_	157	157	157	0	0
SIR1SAR_0_	108	108	108	0	0
SIR1SIN_0_	101	101	101	0	0
SIR2SIN_0_	104	104	104	0	0
SIR_FDM_1B	157	157	157	0	0
SIR FDM 2	154	154	154	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