

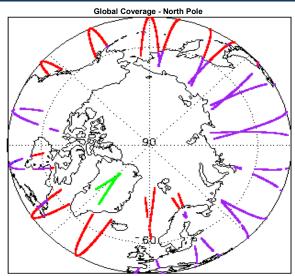
1. Overview

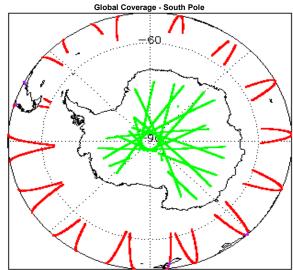
Report Production Date:	02-Dec-2019
Processor Used:	CryoSat Ice Processor
Data Used:	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data

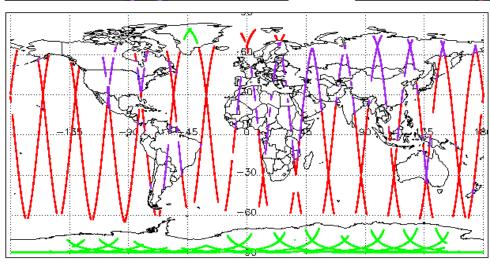
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2, 5.2 and 6.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 6.4
Measurement Confidence Data Check	See Section 5.7, 6.5, 6.6, 6.7 and 6.8

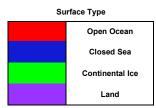
Mission / Instrument News		
28-Nov-2019	None	
29-Nov-2019	None	
30-Nov-2019	Nothing planned	

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).

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_020191129T045700_20191129T050223_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020191129T064413_20191129T064450_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020191129T071920_20191129T072110_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020191129T113002_20191129T113718_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020191129T190638_20191129T190917_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_0_20191129T181505_20191129T181950_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020191129T045152_20191129T045659_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_0_20191129T080757_20191129T081216_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_0_20191129T062943_20191129T063522_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020191129T131743_20191129T132119_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:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20191129T013509_20191129T013532_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20191129T013532_20191129T013808_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20191129T194031_20191129T194304_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20191129T194304_20191129T194533_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20191129T211927_20191129T212041_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20191129T212041_20191129T212236_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).

5.3 L1B FDM Star Tracker Usage Check

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

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20191129T013509_20191129T013532_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20191129T194031_20191129T194304_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20191129T211927_20191129T212041_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_20191129T013509_20191129T013532_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20191129T164455_20191129T165045_C001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20191129T165611_20191129T171630_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20191129T194031_20191129T194304_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20191129T211927_20191129T212041_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

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_220191129T000754_20191129T004313_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220191129T013509_20191129T013532_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220191129T013532_20191129T013808_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220191129T023050_20191129T023227_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220191129T051148_20191129T051158_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220191129T054849_20191129T054858_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220191129T054904_20191129T055145_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220191129T064450_20191129T064528_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220191129T122351_20191129T122624_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220191129T132159_20191129T135400_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220191129T141253_20191129T141610_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220191129T141624_20191129T142758_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220191129T153502_20191129T153600_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220191129T160803_20191129T161047_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220191129T194031_20191129T194304_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220191129T194304_20191129T194533_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220191129T210753_20191129T211236_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS OFFL SIR FDM 2 20191129T211927 20191129T212041 C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV) and pro

filename start/stop differs slightly from start/stop validity due to rounding.

Product filename start/stop differs slightly from start/stop validity due to rounding.

Product filename start/stop differs slightly from start/stop validity due to rounding.

FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).

6.3 L2 FDM Auxiliary Data File Usage Check

 ${\tt CS_OFFL_SIR_FDM_2_20191129T211927_20191129T212041_C001.DBL}$

CS_OFFL_SIR_FDM_2__20191129T212041_20191129T212236_C001.DBL

CS_OFFL_SIR_FDM_2__20191129T212625_20191129T212725_C001.DBL

CS_OFFL_SIR_FDM_2__20191129T231811_20191129T232845_C001.DBL

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:

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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.

38

Number of products with errors: 38		
Product	Test Failed	Description
CS_OFFL_SIR_FDM_220191129T000754_20191129T004313_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220191129T014901_20191129T020059_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_220191129T020654_20191129T020751_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_220191129T020806_20191129T022258_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_220191129T025611_20191129T025658_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_220191129T025806_20191129T031239_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_220191129T033538_20191129T034421_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_220191129T034424_20191129T034559_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_220191129T041800_20191129T041912_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_220191129T043509_20191129T043949_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_220191129T044233_20191129T044821_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_220191129T044943_20191129T045031_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220191129T045039_20191129T045120_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_220191129T051850_20191129T054005_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_220191129T055557_20191129T062342_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_220191129T065537_20191129T071919_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_220191129T083057_20191129T085044_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_220191129T091607_20191129T094752_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220191129T105422_20191129T111537_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220191129T123345_20191129T130342_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_220191129T132159_20191129T135400_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_220191129T141624_20191129T142758_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_220191129T142921_20191129T144043_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_220191129T150227_20191129T151839_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_220191129T153502_20191129T153600_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_220191129T160803_20191129T161047_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_220191129T164116_20191129T164332_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_20191129T164455_20191129T165045_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_220191129T165611_20191129T171630_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_220191129T173204_20191129T175604_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220191129T182804_20191129T185520_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_220191129T191123_20191129T193739_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_220191129T205840_20191129T210544_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_220191129T214010_20191129T221330_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220191129T223132_20191129T224656_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_220191129T230523_20191129T230700_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_220191129T231811_20191129T232845_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_220191129T233130_20191129T235237_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

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:

- 5

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220191129T013509_20191129T013532_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220191129T164455_20191129T165045_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220191129T165611_20191129T171630_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220191129T194031_20191129T194304_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220191129T211927_20191129T212041_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:

26

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220191129T014901_20191129T020059_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_220191129T020654_20191129T020751_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_220191129T020806_20191129T022258_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_220191129T025611_20191129T025658_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_220191129T025806_20191129T031239_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_220191129T033538_20191129T034421_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_220191129T034424_20191129T034559_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_220191129T043509_20191129T043949_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_220191129T044233_20191129T044821_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_220191129T055557_20191129T062342_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_220191129T065537_20191129T071919_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_220191129T083057_20191129T085044_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_220191129T123345_20191129T130342_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_220191129T132159_20191129T135400_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_220191129T141624_20191129T142758_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_220191129T142921_20191129T144043_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_220191129T150227_20191129T151839_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_220191129T160803_20191129T161047_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_220191129T164116_20191129T164332_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_220191129T164455_20191129T165045_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_220191129T165611_20191129T171630_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_220191129T191123_20191129T193739_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_220191129T205840_20191129T210544_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_220191129T223132_20191129T224656_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_220191129T231811_20191129T232845_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_220191129T233130_20191129T235237_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:

Number of products with errors: 26		
Product	Test Failed	Description
CS_OFFL_SIR_FDM_220191129T014901_20191129T020059_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_220191129T020654_20191129T020751_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_220191129T020806_20191129T022258_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_220191129T025611_20191129T025658_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_220191129T025806_20191129T031239_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_220191129T033538_20191129T034421_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_220191129T034424_20191129T034559_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_220191129T043509_20191129T043949_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_220191129T044233_20191129T044821_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_220191129T055557_20191129T062342_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_220191129T065537_20191129T071919_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_220191129T083057_20191129T085044_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_220191129T123345_20191129T130342_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_220191129T132159_20191129T135400_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_220191129T141624_20191129T142758_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_220191129T142921_20191129T144043_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_220191129T150227_20191129T151839_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_220191129T160803_20191129T161047_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_220191129T164116_20191129T164332_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_220191129T164455_20191129T165045_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_220191129T165611_20191129T171630_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_220191129T191123_20191129T193739_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_220191129T205840_20191129T210544_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_220191129T223132_20191129T224656_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_220191129T231811_20191129T232845_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_220191129T233130_20191129T235237_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:

//1

Terrification Terrif	Product	Test Failed	Description
CS_OFT_SR_FOW_2_20191129710409_20191129705095_001 Cover Remarking Quality Flag Fine Accesses Remarking Quality Flag Cover R			
So. OFFL. Sift. PDM2001197100000_2001197100000_C0010000000000000000000000000000		Ocean Netracking Quality Flag	•
SQ. (P.F.), SR. (P.M.)	CS_OFFL_SIR_FDM_220191129T010218_20191129T013400_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
So. OFFL. SIR. FDM 2 201911207020022 201911207020035 C001 Co. OFFL. SIR. FDM 2 20191120702002 20191120702003 C001 Co. OFFL. SIR. FDM 2 20191120702003 20191120700003 C001 Co. OFFL. SIR. FDM 2 20191120700003 C001 Co. OFFL. SIR. FDM 2 20191120700003 C001 Co. OFFL. SIR. FDM 2 20191120700000 C001 Co. OFFL. SIR. FDM 2 20191120700000 C001 Co. OFFL. SIR. FDM 2 20191120700000 C001 Co. OFFL. SIR. FDM 2 2019112070000 C001 Co. OFFL. SIR. FDM 2 2019112070000 C001 Co. OFFL. SIR. FDM	CS_OFFL_SIR_FDM_220191129T014901_20191129T020059_C001	Ocean Retracking Quality Flag	
CS_OPT_SR_FOM_2_2019129702095_2019129702055F_001 Open Retracking Quality Flag The Obern Retracking Quality	CS_OFFL_SIR_FDM_220191129T020654_20191129T020751_C001	Ocean Retracking Quality Flag	
CS_OFFL_SIR_FDM_2_201911297020512_2019129703555_CO11 Covern Retrocking Quality Flag The Covern Retro	CS OFFI SIR FDM 2 20191129T020806 20191129T022258 C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean
Count Petrology County Flag Co			•
Coper, Sir, Folk 2_0191127003052_091127013402_001 Cosan Retracking Quality Flag Cosan Retra	CS_OFFL_SIR_FDM_220191129T024028_20191129T025357_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
Coesn Retracking Quality Fag Resization was not auccessfully executed for one of more records. CS_OFFL_SIR_FOM_2_20191129703452_20191129703459_CO01 CS_OFFL_SIR_FOM_2_20191129704233_20191129704599_CO01 CS_OFFL_SIR_FOM_2_20191129704233_20191129704992_CO01 CS_OFFL_SIR_FOM_2_20191129704233_20191129704992_CO01 CS_OFFL_SIR_FOM_2_20191129704233_20191129704992_CO01 CS_OFFL_SIR_FOM_2_20191129704293_201911297054992_CO01 CS_OFFL_SIR_FOM_2_20191129706393_201911297054992_CO01 CS_OFFL_SIR_FOM_2_20191129706393_201911297054992_CO01 CS_OFFL_SIR_FOM_2_20191129706393_201911297054992_CO01 CS_OFFL_SIR_FOM_2_20191129706393_201911297054992_CO01 CS_OFFL_SIR_FOM_2_20191129706393_201911297054992_CO01 CS_OFFL_SIR_FOM_2_20191129706393_201911297054992_CO01 CS_OFFL_SIR_FOM_2_20191129706393_201911297054992_CO01 CS_OFFL_SIR_FOM_2_20191129706393_201911297063942_CO01 CS_OFFL_SIR_FOM_2_201911297106393_201911297063942_CO01 CS_OFFL_SIR_FOM_2_201911297106393_2019112971063942_CO01 CS_OFFL_SIR_FOM_2_201911297106393_2019112971063942_CO01 CS_OFFL_SIR_FOM_2_201911297106393_2019112971063942_CO01 CS_OFFL_SIR_FOM_2_201911297106392_2019112971063942_CO01 CS_OFFL_SIR_FOM_2_201911297111393_2019112971063942_CO01 CS_OFFL_SIR_FOM_2_201911297113931_201911297106432_CO01 CS_OFFL_SIR_FOM_2_201911297113931_201911297106432_CO01 CS_OFFL_SIR_FOM_	CS_OFFL_SIR_FDM_220191129T025611_20191129T025658_C001	Ocean Retracking Quality Flag	
Salvert P.S. P. Charles C. 20191127104320 (2019) Common Retrocking Quality Flag C. 20191127104323 (20191127104342 (2019112710430) (2010) Common Retrocking Quality Flag C. 20191127104323 (20191127104343 (2019112710434) (2010) Common Retrocking Quality Flag C. 20191127104323 (2019112710434) (2019112710434) (2010) Common Retrocking Quality Flag C. 2019112710433 (2019112710434) (2019112710434) (2010) Common Retrocking Quality Flag C. 20191127104343 (2019112710434) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711344) (2019112711444) (2019112714444) (2019112714444) (2019112714444) (2019112714444) (2019112714444) (2019112714444) (2019112714444) (2019112714444) (2019112714444) (2019112714444) (201911271444	CS_OFFL_SIR_FDM_220191129T025806_20191129T031239_C001	Ocean Retracking Quality Flag	
C9_OFFL_SIR_FDM_2_20191129703424_20191129704309_C001 C0-coan Retracking Quality Flag Retracker was not successfully executed for one or more records. The Coasa Retracking Quality Flag Retracker was not successfully executed for one or more records. The Coasa Retracking Quality Flag Retracker was not successfully executed for one or more records. The Coasa Retracking Quality Flag Retracker was not successfully executed for one or more records. The Coasa Retracking Quality Flag Retracker was not successfully executed for one or more records. Retracker was not successfully executed for one or more records. The Coasa Retracking Quality Flag 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 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 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 successfully executed for one or more records. Retracke	CS_OFFL_SIR_FDM_220191129T033538_20191129T034421_C001	Ocean Retracking Quality Flag	
CS_OFFL_SIR_FDM_2_20191129704533_20191129704539_CO01 Coesn Retracking Quality Flag Retracker was not successfully excelled for one or more records. The Ocean Retracking Quality Flag Retracker was not successfully excelled for one or more records. The Ocean Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracker was not successfully excelled for one or more records. Retracker was not successfully excelled for one or more records. Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking Quality Flag Retracker was not successfully excelled for one or more records. Retracking	CS_OFFL_SIR_FDM_220191129T034424_20191129T034559_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_2_20191129T04309_20191129T04821_C001 Ocean Retracking Quality Flag Retracking Augusty Flag Retracking Quality Flag Retracking	CS OFFI SIR FDM 2 20191129T042333 20191129T043036 C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean
So, OFFL_SIR_FDM_2_201911297104303_20191129704403_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag Retracking value Flag Retracking Quality Flag Retracking value Flag Retracking Va			
Scan File Services of the Security File Secu	CS_OFFL_SIR_FDM_2201911291043509_201911291043949_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
Se, OFFL_SIR_FDM_2_20191129T095856_20191129T09608204_C001 CS_OFFL_SIR_FDM_2_2019129T095555_20191129T0962342_C001 Cs_OFFL_SIR_FDM_2_20191129T095555_20191129T0962342_C001 Cs_OFFL_SIR_FDM_2_20191129T095555_20191129T09594_C001 Cs_OFFL_SIR_FDM_2_20191129T095555_20191129T09594_C001 Cs_OFFL_SIR_FDM_2_20191129T095555_20191129T09594_C001 Cs_OFFL_SIR_FDM_2_20191129T095057_20191129T09504_C001 Cs_OFFL_SIR_FDM_2_20191129T095057_20191129T09504_C001 Cs_OFFL_SIR_FDM_2_20191129T091607_20191129T094752_C001 Cs_OFFL_SIR_FDM_2_20191129T194422_20191129T11557_C001 Cs_OFFL_SIR_FDM_2_20191129T194522_20191129T195040_C001 Cs_OFFL_SIR_FDM_2_20191129T195422_20191129T195040_C001 Cs_OFFL_SIR_FDM_2_20191129T195422_20191129T195040_C001 Cs_OFFL_SIR_FDM_2_20191129T195422_20191129T195040_C001 Cs_OFFL_SIR_FDM_2_20191129T195422_20191129T195040_C001 Cs_OFFL_SIR_FDM_2_20191129T195422_20191129T195040_C001 Cs_OFFL_SIR_FDM_2_20191129T195422_20191129T195400_C001 Cs_OFFL_SIR_FDM_2_20191129T19540402_C001 Cs_OFFL_SIR_FDM_2_20191129T19540402_C001 Cs_OFFL_SIR_FDM_2_20191129T19540402_C001 Cs_OFFL_SIR_FDM_2_20191129T19540402_C001 Cs_OFFL_SIR_FDM_2_20191129T19540402_C001 Cs_OFFL_SIR_FDM_2_20191129T19540402_C001 Cs_OFFL_SIR_FDM_2_20191129T1954060_C001 Cs_OFFL_SIR_FDM_2_20191129T1954060_C001 Cs_OFFL_SIR_FDM_2_20191129T1954060_C001 Cs_OFFL_SIR_FDM_2_20191129T1954060_C001 Cs_OFFL_SIR_FDM_2_20191129T1954060_C001 Cs_OFFL_SIR_FDM_2_20191129T1954060_C001 Cs_OFFL_SIR_FDM_2_20191129T1954060_C001 Cs_OFFL_SIR_FDM_2_20191129T1954060_C001 Cs_OFFL_SIR_FDM_2_20191129T1954060_C001 Cs_OFFL_SIR_FDM_2_20191129T19516060_C001 Cs_OFFL_SIR_FDM_2_20191129T19516060_C001 Cs_OFFL_SIR_FDM_2_20191129T19516060_C001 Cs_OFFL_SIR_FDM_2_20191129T1950600_C001 Cs_OFFL_SIR_FDM_2_20191129T1950600_C001 Cs_OFFL_SIR_FDM_2_20191129T165060_C001 Cs_OFFL_SIR_FDM_2_20191129T165060_C001 Cs_OFFL_SIR_FDM_2_20191129T165060_C001 Cs_OFFL_SIR_FDM_2_20191129T165060_C001 Cs_OFFL_SIR_FDM_2_20191129T165060_C001 Cs_OFFL_SIR_FDM_2_20191129T1950600_C001 Cs_OFFL_SIR_FDM_2_20191129	CS_OFFL_SIR_FDM_220191129T044233_20191129T044821_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
Ocean Retracking Quality Flag The Ocean	CS_OFFL_SIR_FDM_220191129T044943_20191129T045031_C001	Ocean Retracking Quality Flag	
Ocean Retracking Quality Flag The Ocean	CS_OFFL_SIR_FDM_220191129T051850_20191129T054005_C001	Ocean Retracking Quality Flag	
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CS_OFFL_SIR_FDM_2_20191129T1083057_20191129T11537_C001 Ocean Retracking Quality Flag Section Flag Section Retracking Quality	CS OFFL SIR FDM 2 20191129T065537 20191129T071919 C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean
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Retracker was not successfully executed for one or more records.	CS OFFL SIR FDM 2 20191129T223132 20191129T224656 C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFI_SIR_FDM_2_20191120T231811_20191120T232845_C001			The Ocean Retracking Quality Flag is set indicating the CFI Ocean
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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_	169	169	169	0	0
SIR1SAR_0_	167	110	110	0	0
SIR1SIN_0_	104	104	104	0	0
SIR_FDM_1B	169	169	111	0	0
SIR_FDM_2	167	169	3	0	166

7.1 QCC Errors

Number of QCC reports with errors:

166

Product Type	Product Start Time	Test Abbreviation	Test name
SIR_FDM_1B	166 L1B products	IIIVOB	UnitVectorOrBlank 6: The three array elements should form a unit vector (using a scale factor of 10^-6). Under investigation.

Test Description Key:		
Abbreviation	Test name	Details
UVOB	UnitVectorOrBlank 6	The three array elements should form a unit vector (using a scale factor of 10^-6)

7.2 QCC Warnings

Number of QCC reports with warnings

53

Warnings currently under investigation.

7.3 Missing QCC Reports

Number of products with missing QCC reports:

0