

# IDEAS+ Daily Report for FDM data:

## 20/05/2018

		1. Overview	
	04 May 0040	Check	Status
Report Production Date	: 21-May-2018	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CrucSat las Prossessor	Server check: calval-pds.cryosat.esa.int	Nominal
Processor used.	CryoSat Ice Processor	Product Software Check	Nominal
Data Used: L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	L1 and L2 Fast Delivery Marine (FDM)	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			
19-May-2018 None			
20-May-2018 None			
21-May-2018 Nothing plann	ed		

2. Global Coverage

Global Coverage - North Pole	Global Coverage - South Pole
	Surface Type Open Ocean Closed Sea Continental Ice Land

## 3. Instrument Configuration

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

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

4. Level 0 Data Quality Check

### 4.1 L0 Product Format Check

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

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Number of products with errors:

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#### 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: 6

Product	Test Failed
CS_OPER_SIR1SAR_020180520T050601_20180520T051007_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020180520T053902_20180520T054559_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020180520T144932_20180520T145109_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020180520T003302_20180520T003647_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020180520T225939_20180520T231112_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020180520T010311_20180520T010450_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). 0

Number of products with errors:

#### 5.2 L1B FDM Product Header Analysis

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

### 5.3 L1B FDM Star Tracker Usage Check

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

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Product	Test Failed
CS_OFFL_SIR_FDM_1B_20180520T011417_20180520T011551_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20180520T040355_20180520T043808_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20180520T224149_20180520T224825_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

#### 5.5 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_20180520T011417_20180520T011551_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20180520T040355_20180520T043808_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20180520T074421_20180520T075247_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_20180520T092256_20180520T092630_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_20180520T224149_20180520T224825_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: 0

#### 6.2 L2 FDM Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors: 0

#### 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. 0

Number of products with errors:

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.

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Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180519T235805_20180520T001350_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_220180520T004413_20180520T005011_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_220180520T013545_20180520T020922_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220180520T022406_20180520T024227_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_220180520T030039_20180520T030103_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_220180520T031449_20180520T034304_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_220180520T040355_20180520T043808_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220180520T045421_20180520T050601_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_220180520T051243_20180520T052732_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_220180520T054559_20180520T055640_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220180520T060004_20180520T061706_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_220180520T063940_20180520T064926_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_220180520T073949_20180520T074418_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_220180520T074421_20180520T075247_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_220180520T083006_20180520T084528_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_220180520T095927_20180520T102446_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220180520T103918_20180520T105030_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_220180520T105603_20180520T110557_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_220180520T113724_20180520T120455_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_220180520T130556_20180520T130729_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_220180520T135825_20180520T142002_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220180520T151046_20180520T152218_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_220180520T153733_20180520T154317_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220180520T154320_20180520T160944_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_220180520T163128_20180520T165835_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_220180520T171708_20180520T173305_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_220180520T173902_20180520T174638_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_220180520T180738_20180520T182306_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220180520T182520_20180520T184016_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_220180520T185618_20180520T191050_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220180520T191229_20180520T191512_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_220180520T191515_20180520T192835_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_220180520T195757_20180520T200035_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_220180520T203548_20180520T205817_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_220180520T213407_20180520T220034_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_220180520T231306_20180520T232301_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

Test Failed	Description
Attitude correction missing	The attitude has not been corrected
Attitude correction missing	The attitude has not been corrected
Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
Attitude correction missing	The attitude has not been corrected
	Attitude correction missing Attitude correction missing Echo error Echo error

### 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: 17

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180520T031449_20180520T034304_C001		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_220180520T045421_20180520T050601_C001	5 5	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_0FFL_SIR_FDM_220180520T051243_20180520T052732_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_220180520T063940_20180520T064926_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_220180520T073949_20180520T074418_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_220180520T074421_20180520T075247_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_220180520T105603_20180520T110557_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_220180520T113724_20180520T120455_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_220180520T130556_20180520T130729_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_220180520T163128_20180520T165835_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_220180520T171708_20180520T173305_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_220180520T173902_20180520T174638_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_220180520T191229_20180520T191512_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_220180520T191515_20180520T192835_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_220180520T195757_20180520T200035_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_220180520T203548_20180520T205817_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_220180520T213407_20180520T220034_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 v	with errors:	17
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Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180520T031449_20180520T034304_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_220180520T045421_20180520T050601_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_220180520T051243_20180520T052732_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_220180520T063940_20180520T064926_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_220180520T073949_20180520T074418_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_220180520T074421_20180520T075247_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_220180520T105603_20180520T110557_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_220180520T113724_20180520T120455_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_220180520T130556_20180520T130729_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_220180520T163128_20180520T165835_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_220180520T171708_20180520T173305_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_220180520T173902_20180520T174638_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_220180520T191229_20180520T191512_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_220180520T191515_20180520T192835_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_220180520T195757_20180520T200035_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_220180520T203548_20180520T205817_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_220180520T213407_20180520T220034_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.

45

Test Failed

Product CS OFFL SIR FDM 2 20180519T235805 20180520T001350 C001 CS OFFL SIR FDM 2 20180520T001919 20180520T003008 C001 CS OFFL SIR FDM 2 20180520T005513 20180520T005921 C001 CS OFFL SIR FDM 2 20180520T012131 20180520T012233 C001 CS OFFL SIR FDM 2 20180520T013545 20180520T020922 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T022406\_20180520T024227\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T031449\_20180520T034304\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T040355\_20180520T043808\_C001 CS OFFL SIR FDM 2 20180520T045421 20180520T050601 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T051008\_20180520T051241\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T051243\_20180520T052732\_C001 CS OFFL SIR FDM 2 20180520T054559 20180520T055640 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T060004\_20180520T061706\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T063940\_20180520T064926\_C001 CS OFFL SIR FDM 2 20180520T065129 20180520T070621 C001 CS OFFL SIR FDM 2 20180520T073949 20180520T074418 C001 CS OFFL SIR FDM 2 20180520T074421 20180520T075247 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T083006\_20180520T084528\_C001 CS OFFL SIR FDM 2 20180520T085955 20180520T092254 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T092256\_20180520T092630\_C001 CS OFFL SIR FDM 2 20180520T095927 20180520T102446 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T105603\_20180520T110557\_C001 CS OFFL SIR FDM 2 20180520T110947 20180520T111031 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T113724\_20180520T120455\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T130556\_20180520T130729\_C001 CS OFFL SIR FDM 2 20180520T131743 20180520T131905 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T135825\_20180520T142002\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T142248\_20180520T143137\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T145524\_20180520T150050\_C001 CS OFFL SIR FDM 2 20180520T151046 20180520T152218 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T153733\_20180520T154317\_C001 CS OFFL SIR FDM 2 20180520T154320 20180520T160944 C001 CS OFFL SIR FDM 2 20180520T163128 20180520T165835 C001 CS OFFL SIR FDM 2 20180520T171708 20180520T173305 C001 CS OFFL SIR FDM 2 20180520T173902 20180520T174638 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T182520\_20180520T184016\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T185618\_20180520T191050\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T191229\_20180520T191512\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T191515\_20180520T192835\_C001 CS OFFL SIR FDM 2 20180520T195034 20180520T195713 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T195757\_20180520T200035\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T203548\_20180520T205817\_C001 CS OFFL SIR FDM 2 20180520T213407 20180520T220034 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T221731\_20180520T223957\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20180520T235345\_20180521T001509\_C001

Ocean Retracking Quality Flag Ocean Retracking Quality Flag

Description 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. 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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
SIR_FDM_1B	0	152	152	0	0
SIR_FDM_2	0	119	119	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