



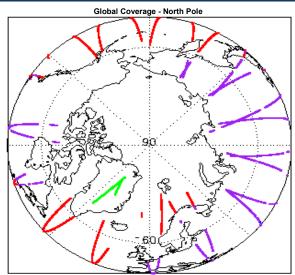
# 1. Overview

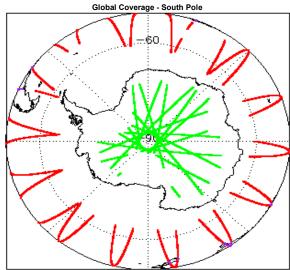
Report Production Date:	23-May-2018	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1 and L2 Fast Delivery Marine (FDM)	

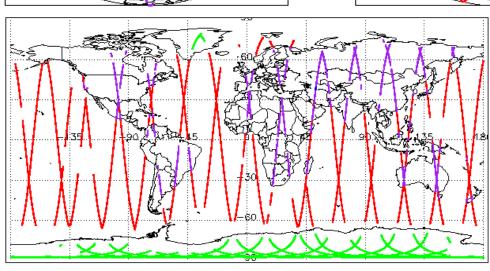
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File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

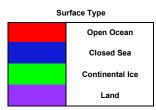
Mission / Instrument News		
21-May-2018	None	
22-May-2018	None	
23-May-2018	Nothing planned	

# 2. Global Coverage









# 3. Instrument Configuration

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

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

# 4. Level 0 Data Quality Check

# 4.1 L0 Product Format Check

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

#### 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:

Product	Test Failed
CS_OPER_SIR1SAR_020180522T161954_20180522T162356_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020180522T183830_20180522T184430_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020180522T024007_20180522T024327_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020180522T211652_20180522T212143_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020180522T224124_20180522T224230_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.

## 5. Level 1B FDM Data Quality Check

#### 5.1 L1B FDM Product Format Check

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

Number of products with errors:

#### 5.2 L1B FDM Product Header Analysis

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

Number of products with errors:

### 5.3 L1B FDM Star Tracker Usage Check

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

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20180522T011152_20180522T011325_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20180522T040135_20180522T043552_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20180522T224230_20180522T224554_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: 0

### 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: 0

## 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_20180522T011152_20180522T011325_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20180522T040135_20180522T043552_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20180522T224230_20180522T224554_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.

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:

33

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180522T004150_20180522T004743_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records

CS_OFFL_SIR_FDM_2_20180522T011902_20180522T012010_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_220180522T022140_20180522T024007_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220180522T031220_20180522T034539_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_220180522T040135_20180522T043552_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_220180522T050741_20180522T050926_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_220180522T051000_20180522T052506_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_220180522T055748_20180522T061504_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_220180522T063731_20180522T064701_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_220180522T064903_20180522T070354_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220180522T074141_20180522T075021_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_220180522T085727_20180522T093141_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_220180522T094605_20180522T094857_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220180522T095653_20180522T102221_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220180522T113448_20180522T120228_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_220180522T121633_20180522T125026_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220180522T130327_20180522T130503_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_220180522T133450_20180522T133717_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_220180522T135559_20180522T141736_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_220180522T145302_20180522T145822_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_220180522T150143_20180522T150632_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_220180522T150820_20180522T151948_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_220180522T154053_20180522T160715_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_220180522T162731_20180522T165608_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_220180522T171439_20180522T173155_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_220180522T173635_20180522T174355_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_220180522T191153_20180522T192551_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_220180522T194804_20180522T195408_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_220180522T203322_20180522T205551_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_220180522T213335_20180522T215805_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_220180522T221249_20180522T223813_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220180522T232613_20180522T233654_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_220180522T235115_20180523T001957_C001	Sea State Bias Correction	There is an error with the 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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180522T011152_20180522T011325_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220180522T040135_20180522T043552_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220180522T224230_20180522T224554_C001	Attitude correction missing	The attitude has not been corrected

## 6.6 L2 FDM Range Measurement Check

CryoSat L2 data includes a CFI (field 17) and OCOG (field 22) Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180522T011902_20180522T012010_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_220180522T050741_20180522T050926_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_220180522T051000_20180522T052506_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_220180522T055748_20180522T061504_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_220180522T063731_20180522T064701_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_220180522T074141_20180522T075021_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_220180522T085727_20180522T093141_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_220180522T113448_20180522T120228_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_220180522T130327_20180522T130503_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_220180522T145302_20180522T145822_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_220180522T150143_20180522T150632_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_220180522T154053_20180522T160715_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20180522T171439_20180522T173155_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_220180522T173635_20180522T174355_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_220180522T191153_20180522T192551_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_220180522T194804_20180522T195408_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_220180522T203322_20180522T205551_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:

Test Failed Product Description The master fail flag is set by the CFI call, for one or more records CFI Backscatter Status Flag. SWH CS\_OFFL\_SIR\_FDM\_2\_\_20180522T011902\_20180522T012010\_C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ignored for these records. The master fail flag is set by the CFI call, for one or more records, CFI Backscatter Status Flag. SWH CS\_OFFL\_SIR\_FDM\_2\_\_20180522T050741\_20180522T050926\_C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ignored for these records. The master fail flag is set by the CFI call, for one or more records CFI Backscatter Status Flag, SWH CS\_OFFL\_SIR\_FDM\_2\_\_20180522T051000\_20180522T052506\_C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ignored for these records. The master fail flag is set by the CFI call, for one or more records CFI Backscatter Status Flag, SWH CS\_OFFL\_SIR\_FDM\_2\_\_20180522T055748\_20180522T061504\_C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ignored for these records. The master fail flag is set by the CFI call, for one or more records CFI Backscatter Status Flag, SWH CS\_OFFL\_SIR\_FDM\_2\_\_20180522T063731\_20180522T064701\_C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ignored for these records. The master fail flag is set by the CFI call, for one or more records, CFI Backscatter Status Flag, SWH CS\_OFFL\_SIR\_FDM\_2\_\_20180522T074141\_20180522T075021\_C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ignored for these records The master fail flag is set by the CFI call, for one or more records, CFI Backscatter Status Flag, SWH CS OFFL SIR FDM 2 20180522T085727 20180522T093141 C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ignored for these records The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be CFI Backscatter Status Flag, SWH CS OFFL SIR FDM 2 20180522T113448 20180522T120228 C001 Squared Averaging Status Flag ignored for these records The master fail flag is set by the CFI call, for one or more records CFI Backscatter Status Flag, SWH CS OFFL SIR FDM 2 20180522T130327 20180522T130503 C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ignored for these records The master fail flag is set by the CFI call, for one or more records CFI Backscatter Status Flag, SWH CS OFFL SIR FDM 2 20180522T145302 20180522T145822 C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ignored for these records The master fail flag is set by the CFI call, for one or more records CFI Backscatter Status Flag. SWH CS\_OFFL\_SIR\_FDM\_2\_\_20180522T150143\_20180522T150632\_C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ignored for these records. The master fail flag is set by the CFI call, for one or more records, CFI Backscatter Status Flag. SWH CS\_OFFL\_SIR\_FDM\_2\_\_20180522T154053\_20180522T160715\_C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ianored for these records. The master fail flag is set by the CFI call, for one or more records CFI Backscatter Status Flag, SWH CS\_OFFL\_SIR\_FDM\_2\_\_20180522T171439\_20180522T173155\_C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ignored for these records The master fail flag is set by the CFI call, for one or more records. CFI Backscatter Status Flag, SWH CS\_OFFL\_SIR\_FDM\_2\_\_20180522T173635\_20180522T174355\_C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ignored for these records. The master fail flag is set by the CFI call, for one or more records CFI Backscatter Status Flag, SWH CS\_OFFL\_SIR\_FDM\_2\_\_20180522T191153\_20180522T192551\_C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ignored for these records. The master fail flag is set by the CFI call, for one or more records CFI Backscatter Status Flag, SWH CS\_OFFL\_SIR\_FDM\_2\_\_20180522T194804\_20180522T195408\_C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag ignored for these records. The master fail flag is set by the CFI call, for one or more records CFI Backscatter Status Flag, SWH CS\_OFFL\_SIR\_FDM\_2\_\_20180522T203322\_20180522T205551\_C001 indicating the values stored in fields #41, #42, #43 and #44 should be Squared Averaging Status Flag 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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180521T235530_20180522T001123_C001		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_220180522T011902_20180522T012010_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_220180522T013327_20180522T020659_C001		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_220180522T025001_20180522T025033_C001		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_220180522T031220_20180522T034539_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T040135_20180522T043552_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T045157_20180522T050301_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not succ
CS_OFFL_SIR_FDM_220180522T050741_20180522T050926_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T051000_20180522T052506_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T055748_20180522T061504_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T063731_20180522T064701_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T064903_20180522T070354_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_2_20180522T073723_20180522T074138_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_2_20180522T074141_20180522T075021_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T082723_20180522T084258_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T085727_20180522T093141_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_2_20180522T094605_20180522T094857_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T095653_20180522T102221_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_2_20180522T105337_20180522T110331_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_2_20180522T110527_20180522T110817_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_2_20180522T113448_20180522T120228_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T130327_20180522T130503_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T131515_20180522T131631_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T145302_20180522T145822_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T150143_20180522T150632_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T153513_20180522T154043_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T154053_20180522T160715_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T162731_20180522T165608_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T171439_20180522T173155_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T173635_20180522T174355_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T180515_20180522T182040_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T185352_20180522T190823_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T191153_20180522T192551_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T194804_20180522T195408_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T195530_20180522T195741_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T203322_20180522T205551_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T213335_20180522T215805_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
CS_OFFL_SIR_FDM_220180522T221249_20180522T223813_C001	Ocean Retracking Quality Flag	The Ocean Retracking Retracker was not such
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g Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records ng Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records. g Quality Flag is set indicating the CFI Ocean accessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean accessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean accessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean accessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records. g Quality Flag is set indicating the CFI Ocean iccessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records ng Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean iccessfully executed for one or more records a Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean accessfully executed for one or more records. g Quality Flag is set indicating the CFI Ocean iccessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records. g Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean iccessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean accessfully executed for one or more records. a Quality Flag is set indicating the CFI Ocean accessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records. g Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean accessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean accessfully executed for one or more records. q Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean accessfully executed for one or more records. g Quality Flag is set indicating the CFI Ocean accessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records. g Quality Flag is set indicating the CFI Ocean accessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean accessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean ccessfully executed for one or more records. ng Quality Flag is set indicating the CFI Ocean accessfully 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	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR1LRM_0_	143	143	143	0	0
SIR1SAR_0_	122	122	122	0	0
SIR1SIN_0_	105	105	105	0	0
SIR2SIN_0_	107	107	107	0	0
SIR_FDM_1B	143	143	143	0	0
SIR FDM 2	139	139	139	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