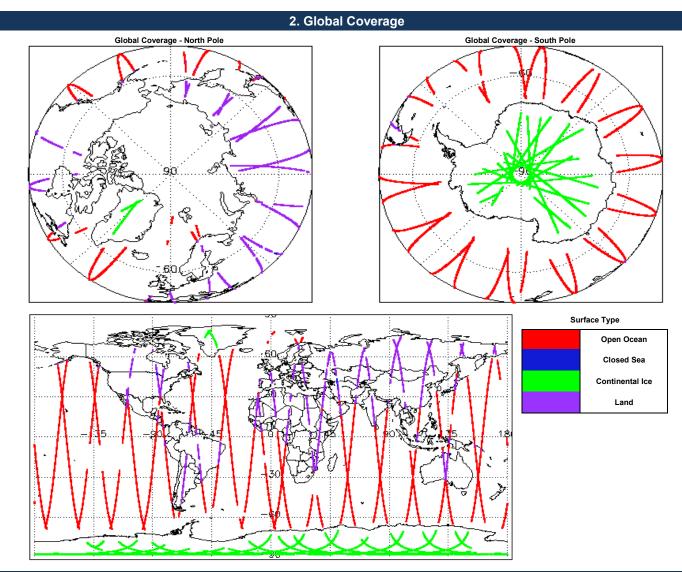


IDEAS+ Daily Report for FDM data:

21/03/2017



Demont Draduction Dates	22 Mar 2017	Check	Status
Report Production Date: 22-Mar-2017		Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CrucSat los Brassagar	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)	Product Format Check	Nominal
Data Oseu.	Mode and L0 Data	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			
20-Mar-2017 None			
21-Mar-2017 None			
22-Mar-2017 Nothing planned			



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).

0

Number of products with errors:

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: 4

Product	Test Failed
CS_OPER_SIR2SIN_020170321T205519_20170321T210126_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020170321T041041_20170321T041332_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020170321T150915_20170321T151049_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_0_20170321T050949_20170321T051643_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.

5. Level 1B FDM Data Quality 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: 0 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: 4 Product Test Failed CS_OFFL_SIR_FDM_1B_20170321T023329_201703217023507_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T190456_20170321T190509_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T204108_20170321T204121_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T22141_20170321T221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T22141_20170321T221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_B_20170321T22141_20170321T221917_C001 No Star Tracker file used in the processing of this product S.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 S.5 L1B FDM Auxilary Data File Usage Check				
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 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: 4 Product CS_OFFL_SIR_FDM_1B_20170321T023329_20170321T023507_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T190456_20170321T190509_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T204108_20170321T204121_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 Star Tracker file used in the processing of this product S4_LIB FDM Calibration Usage Check Each product is checked in order to ensure the necessary calibration files have been used in processing. Nu				
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 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: 4 Product Test Failed CS_OFFL_SIR_FDM_1B_20170321T023329_20170321T023507_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T190456_20170321T190509_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T204108_20170321T204121_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product S4_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 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: 0 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: 4 Product Test Failed CS_OFFL_SIR_FDM_1B_201703217023209_201703217023507_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_201703217190456_201703217190509_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_201703217204108_201703217204121_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_201703217204108_201703217204121_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321721741_201703217221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_201703217221741_201703217221917_C001 No Star Tracker file used in the processing of this product StaltB FDM Calibration Usage Check Image: Check Image: Check Each product is checked in order to ensure the necessary calibration files have been used in processing. Image: Check Image: Check Image: Check Image: Check Image: Check Each product is checked in order to ensure the necessary calibration files have been used in processing. Image: Check Image: Check				
Each product is checked in order to ensure a valid star tracker file has been used in processing. Number of products with errors: 4 Product Test Failed CS_OFFL_SIR_FDM_1B_20170321T023329_20170321T023507_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T190456_20170321T190509_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T204108_20170321T204121_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product S.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 S.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: 4 Product Test Failed CS_OFFL_SIR_FDM_1B_20170321T023329_2017032507_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T190456_20170321T190509_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T204108_20170321T204121_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T20170321T20170201T20170201 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T20171_20170321T221917_C001 No Star Tracker file used in the processing of this product S4_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 S5_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.				
Product Test Failed CS_OFFL_SIR_FDM_1B_20170321T023309_20170321T023507_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T100456_20170321T100509_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T204108_20170321T204121_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product S.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 0 S.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. 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.				
CS_OFFL_SIR_FDM_1B_20170321T023329_20170321T023507_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T190456_20170321T190509_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T204108_20170321T204121_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product S.4 L1B FDM Calibration Usage Check No Star Tracker file used in processing. Rech product is checked in order to ensure the necessary calibration files have been used in processing. 0 S.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.				
CS_OFFL_SIR_FDM_1B_20170321T190456_20170321T190509_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T204108_20170321T204121_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product S.4 L1B FDM Calibration Usage Check No Star Tracker file used in the processing of this product Each product is checked in order to ensure the necessary calibration files have been used in processing. Number of products with errors: 0 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.				
CS_OFFL_SIR_FDM_1B_20170321T204108_20170321T204121_C001 No Star Tracker file used in the processing of this product CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_C001 No Star Tracker file used in the processing of this product 5.4 L1B FDM Calibration Usage Check No Star Tracker file used in the processing of this product Each product is checked in order to ensure the necessary calibration files have been used in processing. Number of products with errors: 0 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.				
CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_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.				
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.				
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 5.5 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.				
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.				
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.				
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.				
·				
5.6 L1B FDM Auxiliary Correction Error Check				
CryoSat L1B data includes a correction error flag (field 54) for each measurement record. The bit value of this flag indicates any problems when set.				
Number of products with errors: 0				
5.7 L1B FDM Measurement Confidence Data Check				
CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement record. The bit value of this flag indicates any problems when set.				
Number of products with errors: 4				
Product Test Failed Description				
CS_OFFL_SIR_FDM_1B_20170321T023329_20170321T023507_C001 Attitude correction missing The attitude has not been corrected				
CS_OFFL_SIR_FDM_1B_20170321T190456_20170321T190509_C001 Attitude correction missing The attitude has not been corrected				
CS_OFFL_SIR_FDM_1B_20170321T204108_20170321T204121_C001 Attitude correction missing The attitude has not been corrected				
CS_OFFL_SIR_FDM_1B_20170321T221741_20170321T221917_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: 0				
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: 35				
Product Test Failed Description				
CS_OFFL_SIR_FDM_2_20170321T001647_20170321T003016_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records				
CS_OFFL_SIR_FDM_2_20170321T003952_20170321T004438_C001 Sea State Bias Correction, Altimetric Wind Speed State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records				

CS_OFFL_SIR_FDM_220170321T010912_20170321T014245_C001
CS_OFFL_SIR_FDM_220170321T015606_20170321T015803_C001
CS_OFFL_SIR_FDM_220170321T020057_20170321T023145_C001
CS_OFFL_SIR_FDM_220170321T025129_20170321T025941_C001
CS_OFFL_SIR_FDM_220170321T030200_20170321T032208_C001
CS_OFFL_SIR_FDM_220170321T035450_20170321T040622_C001
CS_OFFL_SIR_FDM_220170321T043312_20170321T044441_C001
CS_OFFL_SIR_FDM_220170321T051643_20170321T051846_C001
CS_OFFL_SIR_FDM_220170321T051958_20170321T053130_C001
CS_OFFL_SIR_FDM_220170321T053142_20170321T053827_C001
CS_OFFL_SIR_FDM_220170321T061720_20170321T064033_C001
CS_OFFL_SIR_FDM_220170321T065324_20170321T072007_C001
CS_OFFL_SIR_FDM_220170321T075341_20170321T081951_C001
CS_OFFL_SIR_FDM_220170321T093457_20170321T093648_C001
CS_OFFL_SIR_FDM_220170321T111723_20170321T113918_C001
CS_OFFL_SIR_FDM_220170321T115119_20170321T121008_C001
CS_OFFL_SIR_FDM_220170321T123808_20170321T123837_C001
CS_OFFL_SIR_FDM_220170321T124007_20170321T124024_C001
CS_OFFL_SIR_FDM_220170321T125602_20170321T131518_C001
CS_OFFL_SIR_FDM_220170321T133200_20170321T140143_C001
CS_OFFL_SIR_FDM_220170321T144020_20170321T145329_C001
CS_OFFL_SIR_FDM_220170321T151049_20170321T152635_C001
CS_OFFL_SIR_FDM_220170321T152837_20170321T153759_C001
CS_OFFL_SIR_FDM_220170321T160517_20170321T161720_C001
CS_OFFL_SIR_FDM_220170321T165004_20170321T170504_C001
CS_OFFL_SIR_FDM_220170321T174337_20170321T174926_C001
CS_OFFL_SIR_FDM_220170321T175211_20170321T181627_C001
CS_OFFL_SIR_FDM_220170321T182923_20170321T185528_C001
CS_OFFL_SIR_FDM_220170321T200817_20170321T203619_C001
CS_OFFL_SIR_FDM_220170321T210126_20170321T211714_C001
CS_OFFL_SIR_FDM_220170321T223913_20170321T231356_C001
CS_OFFL_SIR_FDM_220170321T232609_20170321T234553_C001
CS_OFFL_SIR_FDM_220170321T235600_20170321T235621_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
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
Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
Sea State Bias Correction, Mean Sea Surface height, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed, the Sea State Bias Correction and the Mean Sea Surface Height for one or more records
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
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
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
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
Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
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
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
Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
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
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
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
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
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:
 4

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220170321T023329_20170321T023507_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220170321T190456_20170321T190509_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220170321T204108_20170321T204121_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220170321T221741_20170321T221917_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: 23

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220170321T003952_20170321T004438_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_220170321T010912_20170321T014245_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_220170321T025129_20170321T025941_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_220170321T030200_20170321T032208_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_220170321T035450_20170321T040622_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_220170321T043312_20170321T044441_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_220170321T051958_20170321T053130_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_220170321T053142_20170321T053827_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_220170321T061720_20170321T064033_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_220170321T065324_20170321T072007_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_220170321T093457_20170321T093648_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_220170321T111723_20170321T113918_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_220170321T115119_20170321T121008_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_0FFL_SIR_FDM_220170321T123808_20170321T123837_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_220170321T133200_20170321T140143_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_220170321T151049_20170321T152635_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_220170321T152837_20170321T153759_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_220170321T160517_20170321T161720_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_0FFL_SIR_FDM_220170321T175211_20170321T181627_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_220170321T200817_20170321T203619_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_0FFL_SIR_FDM_220170321T210126_20170321T211714_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_0FFL_SIR_FDM_220170321T223913_20170321T231356_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_0FFL_SIR_FDM_220170321T235600_20170321T235621_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

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Number of products with errors:

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.

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220170321T003952_20170321T004438_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_220170321T010912_20170321T014245_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_220170321T025129_20170321T025941_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_220170321T030200_20170321T032208_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_220170321T035450_20170321T040622_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_220170321T043312_20170321T044441_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_220170321T051958_20170321T053130_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_220170321T053142_20170321T053827_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_220170321T061720_20170321T064033_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_220170321T065324_20170321T072007_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_220170321T093457_20170321T093648_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_220170321T111723_20170321T113918_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_220170321T115119_20170321T121008_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_220170321T123808_20170321T123837_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_220170321T133200_20170321T140143_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

CS_OFFL_SIR_FDM_2_20170321T152837_20170321T153759_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.CS_OFFL_SIR_FDM_2_20170321T160517_20170321T161720_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.CS_OFFL_SIR_FDM_2_20170321T175211_20170321T181627_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.CS_OFFL_SIR_FDM_2_20170321T200817_20170321T203619_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.CS_OFFL_SIR_FDM_2_20170321T200817_20170321T203619_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.CS_OFFL_SIR_FDM_2_20170321T210126_20170321T211714_C001CFI Backscatter Status Flag, SWH Squared Averaging Status FlagThe master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.CS_OFFL_SIR_FDM_2_20170321T220913_20170321T2	CS_OFFL_SIR_FDM_220170321T151049_20170321T152635_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20170321T160517_20170321T161720_C001 CFI Backscatter Status Flag, SWH indicating the values stored in fields #41, #42, #43 and #44 should be CS_OFFL_SIR_FDM_2_20170321T175211_20170321T181627_C001 CFI Backscatter Status Flag, SWH 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 CS_OFFL_SIR_FDM_2_20170321T200817_20170321T203619_C001 CFI Backscatter Status Flag, SWH 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 CS_OFFL_SIR_FDM_2_20170321T200817_20170321T203619_C001 CFI Backscatter Status Flag, SWH 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 CS_OFFL_SIR_FDM_2_20170321T210126_20170321T211714_C001 CFI Backscatter Status Flag, SWH 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 CS_OFFL_SIR_FDM_2_20170321T210126_20170321T211714_C001 CFI Backscatter Status Flag, SWH 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 Indicating the values stored in fields #41, #42, #43 and #44 should be Indicating the values stored in fields #41, #42, #43 and #44 should be Indicating the values stored in fields #41, #42, #43 and #44 should be Indicating the values stored in fields #41, #42, #43 and #44 should be In	CS_OFFL_SIR_FDM_220170321T152837_20170321T153759_C001	0.	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170321T175211_20170321T181627_C001 CFI Backscatter Status Flag, SWH indicating the values stored in fields #41, #42, #43 and #44 should be CS_OFFL_SIR_FDM_2_20170321T200817_20170321T203619_C001 CFI Backscatter Status Flag, SWH The master fail flag is set by the CFI call, for one or more records, CS_OFFL_SIR_FDM_2_20170321T210126_20170321T210126_20170321T211714_C001 CFI Backscatter Status Flag, SWH The master fail flag is set by the CFI call, for one or more records, CS_OFFL_SIR_FDM_2_20170321T223913_20170321T231356_C001 CFI Backscatter Status Flag, SWH The master fail flag is set by the CFI call, for one or more records, CS_OFFL_SIR_FDM_2_20170321T223913_20170321T231356_C001 CFI Backscatter Status Flag, SWH The master fail flag is set by the CFI call, for one or more records, CS_OFFL_SIR_FDM_2_20170321T223913_20170321T231356_C001 CFI Backscatter Status Flag, SWH The master fail flag is set by the CFI call, for one or more records, CS_OFFL_SIR_FDM_2_20170321T223913_20170321T231356_C001 CFI Backscatter Status Flag, SWH The master fail flag is set by the CFI call, for one or more records, CS_OFFL_SIR_FDM_2_20170321T223913_20170321T231356_C001 CFI Backscatter Status Flag, SWH The master fail flag is set by the CFI call, for one or more records, CS_OFFL_SIR_FDM_2_20170321T223913_20170321T231356_C001 CFI Backscatter Status Flag, SWH The master fail flag is set by the CFI call, for one or more records,	CS_OFFL_SIR_FDM_220170321T160517_20170321T161720_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170321T200817_20170321T203619_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170321T210126_20170321T211714_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170321T223913_20170321T231356_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_220170321T175211_20170321T181627_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170321T210126_20170321T211714_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170321T223913_20170321T231356_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.	CS_OFFL_SIR_FDM_220170321T200817_20170321T203619_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170321T223913_20170321T231356_C001 CFI BackScatter Status Flag, SWH Squared Averaging Status Flag, SWH Squared Averaging Status Flag SWH Squared Averaging S	CS_OFFL_SIR_FDM_220170321T210126_20170321T211714_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
The master fail flag is set by the CEL call, for one or more records	CS_OFFL_SIR_FDM_220170321T223913_20170321T231356_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20170321T235600_20170321T235621_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	CS_OFFL_SIR_FDM_220170321T235600_20170321T235621_C001		

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: 40 Pro Description The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T003952_20170321T004438_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T010912_20170321T014245_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170321T020057 20170321T023145 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T025129_20170321T025941_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T030200_20170321T032208_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170321T033840 20170321T034831 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T035450_20170321T040622_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T043312_20170321T044441_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170321T051958 20170321T053130 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T053142_20170321T053827_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T054111_20170321T054811_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170321T061720 20170321T064033 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T065324_20170321T072007_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170321T074352 20170321T074408 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T075341_20170321T081951_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T085017_20170321T090714_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170321T093457 20170321T093648 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T101208_20170321T104610_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T111723_20170321T113918_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T115119_20170321T121008_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T122216_20170321T122604_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T123808_20170321T123837_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T125039_20170321T125521_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T125602_20170321T131518_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170321T133200 20170321T140143 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170321T142059 20170321T143944 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170321T144020 20170321T145329 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170321T151049 20170321T152635 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T152837_20170321T153759_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T160517_20170321T161720_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20170321T165004 20170321T170504 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T174932_20170321T175048_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T175211_20170321T181627_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T182923_20170321T185528_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T192856_20170321T193800_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20170321T200817_20170321T203619_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records.

CS_OFFL_SIR_FDM_220170321T210126_20170321T211714_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_220170321T222454_20170321T222553_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_220170321T223913_20170321T231356_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_220170321T235600_20170321T235621_C001	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.

7. QCC Report Analysis

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

Product type	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR1LRM_0_	173	173	173	0	0
SIR1SAR_0_	115	115	115	0	0
SIR1SIN_0_	107	107	107	0	0
SIR2SIN_0_	111	111	111	0	0
SIR_FDM_1B	173	173	173	0	0
SIR_FDM_2	172	172	172	0	0
Number of QCC reports with e	rrors:	0			
Number of QCC reports with w 7.3 Missing QCC Repo		0			
J					
Number of products with missing QCC reports:		0			