

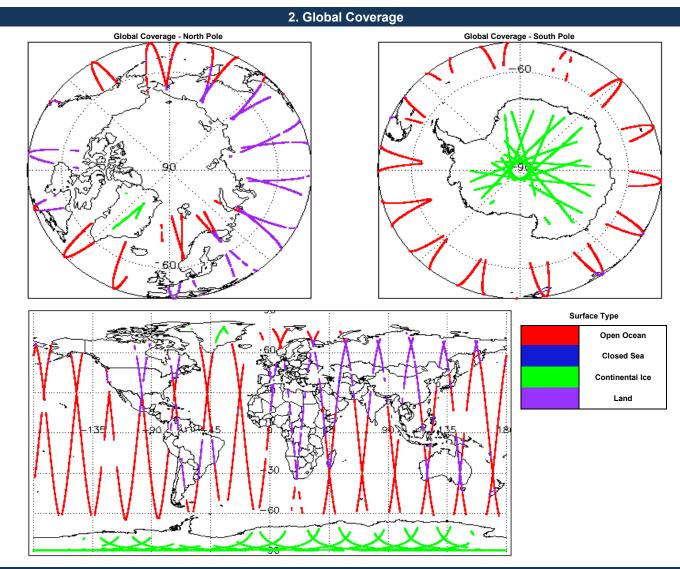
IDEAS+ Daily Report for FDM data:

<u>17/07/2018</u>



			1. Overview	
			Check	Status
Report Production Date:	18-Jul-2018	Server check: science-pds.cryosat.esa.int	Nominal	
Dresses ar Llaad			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 Used:	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	See Section 5.5 and 6.3
			Auxiliary Correction Error Check	See Section 5.6 and 6.4
			Measurement Confidence Data Check	See Section 5.7, 6.5, 6.6, 6.7 and 6.8

Mission / Instru	ment News
16-Jul-2018	None
17-Jul-2018	None
18-Jul-2018	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:
 1

Product		Test Failed		
CS_OPER_SIR2SIN_020180717T142422_20180717T142642_0001.HDR		Percentage of processing errors	detected	greater than minimum acceptable threshold.
5. Leve	l 1B F	DM Data Quality Ch	eck	
5.1 L1B FDM Product Format Check				
Each product, retrieved and unpacked from the science server, is checked to ensu	ire it cons	ists of both an XML boader file (H	DP) and	a binany product file (DPL)
Number of products with errors: 0			ibit) and	
5.2 L1B FDM Product Header Analysis				
For all products, a series of pre-defined checks are carried out on the MPH and SI	PH in orde	er to identify any inconsistencies ar	nd/or erro	rs 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 process	sing.		
Number of products with errors: 4				
Product		Test Failed		
CS_OFFL_SIR_FDM_1B_20180717T011512_20180717T014835_C001		No Star Tracker file used in the p	rocessin	g of this product
CS_OFFL_SIR_FDM_1B_20180717T195513_20180717T195841_C001		No Star Tracker file used in the p	rocessin	g of this product
CS_OFFL_SIR_FDM_1B_20180717T213445_20180717T213543_C001		No Star Tracker file used in the p	rocessin	g of this product
CS_OFFL_SIR_FDM_1B_20180717T231415_20180717T231441_C001		No Star Tracker file used in the p	rocessin	g of this product
5.4 L1B FDM Calibration Usage Check				
Each product is checked in order to ensure the necessary calibration files have be	en used ir	n 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-de	termined	baseline and also to check the vali	iditv of Au	uxiliarv Data Files is correct.
Number of products with errors: 79			,	
Product	AUX Fi			Comment
All FDM_1B up to 20180717T114436 (79 products)	CS_OF	PER_AUXIIONGIM_20180717T000 T235959_0001	0000_20	Forecast AUXI file missing at the time of processing
5.6 L1B FDM Auxiliary Correction Error Check				
CryoSat L1B data includes a correction error flag (field 54) for each measurement	record. Th	ne bit value of this flag indicates ar	ny problei	ns when set.
Number of products with errors: 79				
Product	Test Fa	ailed	Descrip	tion
All FDM_1B up to 20180717T114436 (79 products)	GIM lo	nospheric Correction		a missing Forecast Auxiliary File there is an error with the eric Correction
5.7 L1B FDM Measurement Confidence Data Check				
CryoSat L1B data includes a measurement confidence flag (field 18) for each mea	surement	record. The bit value of this flag in	idicates a	any problems when set.
Number of products with errors: 6		-		
Product	Test Fa	ailed	Descrip	tion
CS_OFFL_SIR_FDM_1B_20180717T000325_20180717T000345_C001		rror, TRK echo error	The trac	king echo has returned an error and the Rx1 Echo Error flag is set,
CS_OFFL_SIR_FDM_1B_20180717T011512_20180717T014835_C001	Attitude	e correction missing		g a degraded echo ude has not been corrected
CS_OFFL_SIR_FDM_1B_20180717T181539_20180717T182216_C001	Echo e	rror, TRK echo error		king echo has returned an error and the Rx1 Echo Error flag is set, g a degraded echo
CS_OFFL_SIR_FDM_1B_20180717T195513_20180717T195841_C001		rror, TRK echo error, Attitude ion missing	The trac	king echo has returned an error and the Rx1 Echo Error flag is set, g a degraded echo
CS_OFFL_SIR_FDM_1B_20180717T213445_20180717T213543_C001		e correction missing		ude has not been corrected
CS_OFFL_SIR_FDM_1B_20180717T231415_20180717T231441_C001	Attitude	e correction missing	The attit	ude has not been corrected
6. L ev	el 2 FI	DM Data Quality Che	eck	
6.1 L2 FDM Product Format Check				
Each product, retrieved and unpacked from the science server, is checked to ensu Number of products with errors: 0	ire it cons	ists of both an XML header file (.H	DR) and	a binary product file (.DBL).
6.2 L2 FDM Product Header Analysis				
For all products, a series of pre-defined checks are carried out on the MPH and SI	PH in orde	er to identify any inconsistencies ar	nd/or erro	rs 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.

CS_OPER_AUXIIONGIM_20180717T000000_20 180717T235959_0001 Forecast AUXI file missing at the time of processing

Comment

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: 95

AUX File

Product Test Failed Description AN FDM_2 products up to 20180717T1114386 (78 products) GIM Ionospheric Correction Due to a masing Forecast Auxilary File three is an error with Ionospheric Correction CS_OFFL_SIR_FDM_2_20180717T001202_20180717T001218_C001 Sea State Bias Correction, Altmetric Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T001202_20180717T001218_C001 Sea State Bias Correction, Altmetric Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T001202_20180717T001235_C001 Sea State Bias Correction, Altmetric Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T02132_20180717T02139_C001 Sea State Bias Correction, Altmetric There is an error with a Altmetric Wind Speed and Sea State Bias Correction, Altmetric CS_OFFL_SIR_FDM_2_20180717T02209_20180717T022220_C001 Sea State Bias Correction, Altmetric There is an error with a Altmetric Wind Speed and Sea State Bias Correction, Altmetric CS_OFFL_SIR_FDM_2_20180717T022239_20180717T022343_C001 Sea State Bias Correction, Altmetric There is an error with a Altmetric Wind Speed and Sea State Bias Correction, Altmetric CS_OFFL_SIR_FDM_2_20180717T02239_20180717T023432_C001 Sea State Bias Correction, Altmetric There is an error with a Altmetric Wind Speed and Sea State Bias Correction, Altmetric CS_OFFL_SIR_FDM_2_20180717T041612_C001 Sea State Bias Correction, Altmetric	
All FUN_2 products up to 20180/1/110186 (/8 products) GMM Ionspired Correction Ionspired Correction CS_OFFL_SIR_FDM_2_20180717100185_201807171001216_0001 See State Bias Correction, Allimetric There is an error with the Allimetric Wind Speed and Sea State State Dias Correction, Allimetric CS_OFFL_SIR_FDM_2_201807171001224_201807171001532_0001 Sea State Bias Correction, Allimetric There is an error with the Allimetric Wind Speed and Sea State Dias Correction, Allimetric CS_OFFL_SIR_FDM_2_20180717102114_201807171001332_0001 Sea State Bias Correction, Allimetric There is an error with the Allimetric Wind Speed and Sea State Dias Correction for one or more records CS_OFFL_SIR_FDM_2_201807171022209_201807171022209_00107171022209_001 Sea State Bias Correction, Allimetric There is an error with the Allimetric Wind Speed and Sea State Dias Correction for one or more records CS_OFFL_SIR_FDM_2_201807171022209_201807171022209_00107171022204_0001 Sea State Bias Correction, Allimetric There is an error with the Allimetric Wind Speed and Sea State Dias Correction, Allimetric CS_OFFL_SIR_FDM_2_201807171022039_01807171022303_0001 Sea State Bias Correction, Allimetric There is an error with the Allimetric Wind Speed and Sea State Dias Correction, Allimetric CS_OFFL_SIR_FDM_2_20180717104014_201807171040502_0001 Sea State Bias Correction, Allimetric There is an error with the Allimetric Wind Speed and Sea State Dias Correction, Allimetric There is an error with the Allimetric W	
CS_OFFL_SIR_FDM_2_20180/17100130_2018 Wind Speed Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T001202_20180717T001218_0001 Sea State Bias Correction, Altimetric Wind Speed Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T002241_20180717T002321_0001 Sea State Bias Correction, Altimetric Wind Speed Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T011512_20180717T02124_20180717T02129_0001 Sea State Bias Correction, Altimetric Wind Speed Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T02209_0010717T022206_0001 Sea State Bias Correction, Altimetric Wind Speed Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T02209_0180717T022206_0001 Sea State Bias Correction, Altimetric Wind Speed Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T02209_0180717T022206_0001 Sea State Bias Correction, Altimetric Wind Speed Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T022019_0180717T022019_0180717T022019_0180717T022019_0180717T022019_0180717T022018_0011 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180717T040141_20180717T041612_0001 Sea State Bias Correction, Altimetric Wind Speed Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T054007_20180717T054007_20180717T054007_20180717T054007_20180717T05400_20180717T05508_001 Sea State Bias Correction, Altimetric Wind Speed<	n the
LS_OFL_SIR_FDM_2_a0160717100242_0180717100226_0001 Wind Speed Correction for one or more records CS_OFL_SIR_FDM_2_a01807171002241_01807171005321_0001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Correction for one or more records CS_OFL_SIR_FDM_2_a0180717102124_01807171023153_0001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Correction for one or more records CS_OFL_SIR_FDM_2_a0180717102219_01807171022206_0001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Correction for one or more records CS_OFL_SIR_FDM_2_a01807171022209_01807171022209_01807171022224_0001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Dias Correction, Altimetric CS_OFL_SIR_FDM_2_a01807171023209_01807171023019_01807171035308_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Dias Correction, Altimetric CS_OFL_SIR_FDM_2_a01807171045007_20180717105304_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Dias Correction, Altimetric CS_OFL_SIR_FDM_2_a01807171063564_01807171063568_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Dias Correction for one or more records CS_OFFL_SIR_FDM_a_201807171063564_01807171035568_C001 Se	ate Bias
CS_OFFL_SIR_FDM_2_20180717T016112_0180717T014635_0001 Wind Speed Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T021132_0180717T021539_0001 Sea State Bias Correction, Altimetric There is an error with the Sas State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T022124_0180717T022206_0001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric CS_OFFL_SIR_FDM_2_20180717T022239_0180717T022224_0001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric CS_OFFL_SIR_FDM_2_20180717T022239_0180717T022239_0180717T022239_0180717T0223713_0001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Dias Correction for one or more records CS_OFFL_SIR_FDM_2_0180717T040141_0180717T041612_0001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Dias Correction for one or more records CS_OFFL_SIR_FDM_2_0180717T040141_0180717T041612_0001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Dias Correction for one or more records CS_OFFL_SIR_FDM_2_0180717T040141_0180717T046102_0010 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Dias Correction for one or more records CS_OFFL_SIR_FDM_2_0180717T040141_00180_C0180747T064568_01807	ate Bias
CS_OFFL_SIR_FDM_2_20180717102124_201807171021539_C001 Sea State Bias Correction There is an error with the Attimetric Wind Speed and Sea State Correction for one or more records CS_OFFL_SIR_FDM_2_201807171022209_201807171022209_201807171022209_201807171022209_201807171022209_201807171022209_201807171022209_201807171022209_201807171022209_201807171022313_C001 Sea State Bias Correction, Attimetric Wind Speed CS_OFFL_SIR_FDM_2_201807171022209_201807171022313_C001 Sea State Bias Correction, Attimetric Wind Speed There is an error with the Attimetric Wind Speed and Sea State Correction for one or more records CS_OFFL_SIR_FDM_2_201807171023013_C001 Sea State Bias Correction, Attimetric Wind Speed and Sea State Dias Correction, Attimetric Wind Speed Correction, Attimetric Wind Speed Correction, Attimetric Wind S	ate Bias
CS_OFH_SIR_FDM_2_20180717102124_201807171021539_C001 Wind Speed CS_OFFL_SIR_FDM_2_201807171022209_20180717T022224_C001 Sea State Bias Correction, Attimetric There is an error with the Attimetric Wind Speed and Sea State Wind Speed CS_OFFL_SIR_FDM_2_20180717T022239_20180717T022239_C001 Sea State Bias Correction, Attimetric There is an error with the Attimetric Wind Speed and Sea State Wind Speed CS_OFFL_SIR_FDM_2_20180717T022339_20180717T023713_C001 Sea State Bias Correction, Attimetric There is an error with the Attimetric Wind Speed and Sea State Wind Speed CS_OFFL_SIR_FDM_2_20180717T035009_20180717T035938_C001 Sea State Bias Correction, Attimetric Wind Speed and Sea State Wind Speed Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T041612_C001 Sea State Bias Correction, Attimetric Wind Speed and Sea State Wind Speed Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T054007_20180717T05508_C001 Sea State Bias Correction, Attimetric Wind Speed and Sea State Wind Speed CS_OFFL_SIR_FDM_2_20180717T063658_C001 Sea State Bias Correction, Attimetric Wind Speed and Sea State Wind Speed CS_OFFL_SIR_FDM_2_20180717T063658_C001 Sea State Bias Correction, Attimetric Wind Speed and Sea State Wind Speed CS_OFFL_SIR_FDM_2_20180717T063658_C001 Sea State Bias Correction, Attimetric Wind Speed and Sea State Wind Speed CS_OFFL_SIR_FDM_2_20180717T063658_C011 Sea State Bias Correction, Attimetric Wind Speed and	or more
US_0FH_SIR_FDM_2_20180717102209_20180717102224_C001 Wind Speed Correction for one or more records CS_0FFL_SIR_FDM_2_20180717102229_20180717102224_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Diss Correction for one or more records CS_0FFL_SIR_FDM_2_20180717102229_201807171035038_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Diss Correction for one or more records CS_0FFL_SIR_FDM_2_201807171035009_201807171035038_C001 Sea State Diss Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Diss Correction for one or more records CS_0FFL_SIR_FDM_2_201807171040141_2018071710450304_C001 Sea State Diss Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Diss Correction for one or more records CS_0FFL_SIR_FDM_2_201807171054007_20180717105508_C001 Sea State Diss Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Diss Correction, Altimetric CS_0FFL_SIR_FDM_2_201807171064007_201807171070139_C001 Sea State Diss Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Diss Correction, Altimetric CS_0FFL_SIR_FDM_2_201807171064007_201807171073417_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Diss Correction, Altimetric CS_0FFL_SIR_FDM_2_201807171708356_20180717104440_C001 Sea	ate Bias
US_OFF_SIR_FDM_2_20180/17102229_0180/17102224_0011 Wind Speed Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T032239_20180717T023713_C001 Sea State Bias Correction, Attimetric There is an error with the Attimetric Wind Speed and Sea State	ate Bias
US_OFFL_SIR_FDM_2_20180/17102239_20180/171023/13_0001 Wind Speed Correction for one or more records S2_OFFL_SIR_FDM_2_20180/17103509_20180/171035938_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State CS_OFFL_SIR_FDM_2_20180/171040141_20180/171041612_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State CS_OFFL_SIR_FDM_2_20180/171045007_20180/17105508_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State CS_OFFL_SIR_FDM_2_20180/17106104_20180/171063658_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State CS_OFFL_SIR_FDM_2_20180/171061054_20180/171063658_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State CS_OFFL_SIR_FDM_2_20180/171061054_20180/171070319_C001 Wind Speed There is an error with the Altimetric Wind Speed and Sea State CS_OFFL_SIR_FDM_2_20180/171070935_20180/171073417_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State CS_OFFL_SIR_FDM_2_20180/171083766_20180/171084400_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State CS_OFFL_SIR_FDM_2_20180/171084768_20180/171085408_C001 Sea State Bias Correction, Altimetric <t< td=""><td>ate Bias</td></t<>	ate Bias
US_OFFL_SIR_FDM_2_20180717703009_20180717103939_C001 Wind Speed Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T040141_20180717T041612_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T054007_20180717T05508_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T064054_20180717T063658_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Sea State Bias Correction, Altimetric CS_OFFL_SIR_FDM_2_20180717T065840_20180717T063658_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Sea State Bias Correction, Altimetric CS_OFFL_SIR_FDM_2_20180717T065840_20180717T07039_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T080620_20180717T081614_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T084758_20180717T084440_C001 Wind Speed Correction for one or more records CS_OFFL_SIR_FDM_2_20180717T085410_20180717T091351_C001 Sea State Bias Correction, Altimetric There is a	
US_OFFL_SIR_FDM_2_201807171041014_201807171041012_0001Wind SpeedCorrection for one or more recordsCS_OFFL_SIR_FDM_2_20180717T055007_20180717T055004_C001Sea State Bias Correction, Attimetric Wind SpeedThere is an error with the Attimetric Wind Speed and Sea State Correction for one or more recordsCS_OFFL_SIR_FDM_2_20180717T061054_20180717T063658_C001Sea State Bias Correction, Attimetric Wind SpeedThere is an error with the Attimetric Wind Speed and Sea State Correction for one or more recordsCS_OFFL_SIR_FDM_2_20180717T061054_20180717T063658_C001Sea State Bias Correction, Attimetric Wind SpeedThere is an error with the Attimetric Wind Speed and Sea State Correction for one or more recordsCS_OFFL_SIR_FDM_2_20180717T065840_20180717T073417_C001Sea State Bias Correction, Attimetric Wind SpeedThere is an error with the Attimetric Wind Speed and Sea State Correction for one or more recordsCS_OFFL_SIR_FDM_2_20180717T080620_20180717T081614_C001Sea State Bias Correction, Attimetric Wind SpeedThere is an error with the Attimetric Wind Speed and Sea State Correction for one or more recordsCS_OFFL_SIR_FDM_2_20180717T084758_20180717T084408_C001Sea State Bias Correction, Attimetric Wind SpeedThere is an error with the Attimetric Wind Speed and Sea State Correction for one or more recordsCS_OFFL_SIR_FDM_2_20180717T085410_20180717T085408_C001Sea State Bias Correction, Attimetric Wind SpeedThere is an error with the Attimetric Wind Speed and Sea State Correction for one or more recordsCS_OFFL_SIR_FDM_2_20180717T085408_C001Sea State Bias Correction, Attimetric Wind SpeedThere is an error with the Attimetric Wind Speed and Sea State Correction for one o	
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CS_OFFL_SIR_FDM_2_20180/1/1115419_20180/1/1115816_C001 Wind Speed Correction for one or more records See State Bio Correction Map See	
CS_OFFL_SIR_FDM_2_20180/1/1125339_20180/1/1132430_C001 Surface height, Attimetric Wind Speed Correction and the Mean Sea Surface Height for one or more Sea State Rise Correction Attimetric There is an array with the Attimetric Wind Speed and Sea State	e records
US_OFFL_SIR_FDM_2_20180/1/1134046_20180/1/1140847_C001 Wind Speed Correction Altimetric There is an error with the Altimetric Wind Speed and See State See State Bias Correction Altimetric There is an error with the Altimetric Wind Speed and See State	
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US_OFFL_SIR_FDM_2_20180/1/1144919_20180/1/1145644_C001 Wind Speed Correction for one or more records	
CS_OFFL_SIR_FDM_2_20180/1/1151/50_20180/1/1153318_C001 Sea State Bias Correction records	
US_OFFL_SIR_FDM_2_20180/1/1160658_20180/1/1162107_C001 Wind Speed Correction for one or more records Sea State Rise Correction Altimetric There is an array with the Altimetric Wind Speed and Sea State	
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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. 6 Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180717T000325_20180717T000345_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220180717T011512_20180717T014835_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220180717T181539_20180717T182216_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220180717T195513_20180717T195841_C001	Echo error, Attitude correction missing	The Echo Rx1 Error flag is set, indicating a degraded raw echo. The attitude
CS_OFFL_SIR_FDM_220180717T213445_20180717T213543_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220180717T231415_20180717T231441_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: 29

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180717T002241_20180717T005321_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_220180717T020124_20180717T021539_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_220180717T022019_20180717T022206_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_220180717T022209_20180717T022224_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_220180717T022239_20180717T023713_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_220180717T035009_20180717T035938_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_220180717T040141_20180717T041612_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_220180717T045007_20180717T050304_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_220180717T054007_20180717T055508_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_220180717T061054_20180717T063658_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_220180717T065840_20180717T070139_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_220180717T070935_20180717T073417_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_220180717T083756_20180717T084440_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_220180717T084758_20180717T085408_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_220180717T085410_20180717T091351_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_220180717T093005_20180717T100310_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_220180717T113305_20180717T114436_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_220180717T115419_20180717T115816_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_220180717T125339_20180717T132430_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_220180717T142752_20180717T144438_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_220180717T162424_20180717T163840_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_220180717T165733_20180717T170646_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_220180717T184412_20180717T191032_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_220180717T192746_20180717T195053_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_220180717T195841_20180717T200140_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_220180717T210459_20180717T213240_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_220180717T213928_20180717T214054_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_220180717T231819_20180717T232213_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_220180717T233359_20180717T234322_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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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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220180717T002241_20180717T005321_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_220180717T020124_20180717T021539_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_220180717T022019_20180717T022206_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_220180717T022209_20180717T022224_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_220180717T022239_20180717T023713_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_220180717T035009_20180717T035938_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_220180717T040141_20180717T041612_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_220180717T045007_20180717T050304_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_220180717T054007_20180717T055508_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_220180717T061054_20180717T063658_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_220180717T065840_20180717T070139_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_220180717T070935_20180717T073417_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_220180717T083756_20180717T084440_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_220180717T084758_20180717T085408_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_220180717T085410_20180717T091351_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. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180717T093005_20180717T100310_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. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180717T113305_20180717T114436_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. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180717T115419_20180717T115816_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. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180717T125339_20180717T132430_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. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180717T142752_20180717T144438_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_220180717T162424_20180717T163840_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. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220180717T165733_20180717T170646_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_220180717T184412_20180717T191032_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_220180717T192746_20180717T195053_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_220180717T195841_20180717T200140_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_220180717T210459_20180717T213240_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_220180717T213928_20180717T214054_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_220180717T231819_20180717T232213_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_220180717T233359_20180717T234322_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. 42

Number of products with errors:

Product	Test Failed	Description
CS OFFL SIR FDM 2 20180717T002241 20180717T005321 C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean
PFL_SIK_PDM_Z201807171002241_201807171005321_C001 Ocean Reliacking Quality Flag	Retracker was not successfully executed for one or more records.	
CS_OFFL_SIR_FDM_220180717T011512_20180717T014835_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_220180717T020124_20180717T021539_C001
CS_OFFL_SIR_FDM_220180717T022019_20180717T022206_C001
CS_OFFL_SIR_FDM_220180717T022209_20180717T022224_C001
CS_OFFL_SIR_FDM_220180717T022239_20180717T023713_C001
CS_OFFL_SIR_FDM_220180717T035009_20180717T035938_C001
CS_OFFL_SIR_FDM_220180717T040141_20180717T041612_C001
CS_OFFL_SIR_FDM_220180717T045007_20180717T050304_C001
CS_OFFL_SIR_FDM_220180717T054007_20180717T055508_C001
CS_OFFL_SIR_FDM_220180717T061054_20180717T063658_C001
CS_OFFL_SIR_FDM_220180717T065840_20180717T070139_C001
CS_OFFL_SIR_FDM_220180717T070935_20180717T073417_C001
CS_OFFL_SIR_FDM_220180717T080620_20180717T081614_C001
CS_OFFL_SIR_FDM_220180717T081908_20180717T082056_C001
CS_OFFL_SIR_FDM_220180717T083756_20180717T084440_C001
CS_OFFL_SIR_FDM_220180717T084758_20180717T085408_C001
CS_OFFL_SIR_FDM_220180717T085410_20180717T091351_C001
CS_OFFL_SIR_FDM_220180717T093005_20180717T100310_C001
CS_OFFL_SIR_FDM_220180717T101532_20180717T101826_C001
CS_OFFL_SIR_FDM_220180717T113305_20180717T114436_C001
CS_OFFL_SIR_FDM_220180717T115419_20180717T115816_C001
CS_OFFL_SIR_FDM_220180717T122058_20180717T123108_C001
CS_OFFL_SIR_FDM_220180717T124821_20180717T125329_C001
CS_OFFL_SIR_FDM_220180717T125339_20180717T132430_C001
CS_OFFL_SIR_FDM_220180717T142752_20180717T144438_C001
CS_OFFL_SIR_FDM_220180717T144919_20180717T145644_C001
CS_OFFL_SIR_FDM_220180717T151750_20180717T153318_C001
CS_OFFL_SIR_FDM_220180717T153532_20180717T155019_C001
CS_OFFL_SIR_FDM_220180717T153532_20180717T155019_C001 CS_OFFL_SIR_FDM_220180717T160658_20180717T162107_C001
CS_OFFL_SIR_FDM_220180717T160658_20180717T162107_C001
CS_OFFL_SIR_FDM_220180717T160658_20180717T162107_C001 CS_OFFL_SIR_FDM_220180717T162424_20180717T163840_C001
CS_OFFL_SIR_FDM_220180717T160658_20180717T162107_C001 CS_OFFL_SIR_FDM_220180717T162424_20180717T163840_C001 CS_OFFL_SIR_FDM_220180717T165733_20180717T170646_C001
CS_OFFL_SIR_FDM_220180717T160658_20180717T162107_C001 CS_OFFL_SIR_FDM_220180717T162424_20180717T163840_C001 CS_OFFL_SIR_FDM_220180717T165733_20180717T170646_C001 CS_OFFL_SIR_FDM_220180717T170808_20180717T171031_C001
CS_OFFL_SIR_FDM_220180717T160658_20180717T162107_C001 CS_OFFL_SIR_FDM_220180717T162424_20180717T163840_C001 CS_OFFL_SIR_FDM_220180717T165733_20180717T170646_C001 CS_OFFL_SIR_FDM_220180717T170808_20180717T171031_C001 CS_OFFL_SIR_FDM_220180717T184412_20180717T191032_C001
CS_OFFL_SIR_FDM_220180717T160658_20180717T162107_C001 CS_OFFL_SIR_FDM_220180717T162424_20180717T163840_C001 CS_OFFL_SIR_FDM_220180717T165733_20180717T170646_C001 CS_OFFL_SIR_FDM_220180717T170808_20180717T171031_C001 CS_OFFL_SIR_FDM_220180717T184412_20180717T191032_C001 CS_OFFL_SIR_FDM_220180717T192746_20180717T195053_C001
CS_OFFL_SIR_FDM_220180717T160658_20180717T162107_C001 CS_OFFL_SIR_FDM_220180717T162424_20180717T163840_C001 CS_OFFL_SIR_FDM_220180717T165733_20180717T170646_C001 CS_OFFL_SIR_FDM_220180717T170808_20180717T171031_C001 CS_OFFL_SIR_FDM_220180717T184412_20180717T191032_C001 CS_OFFL_SIR_FDM_220180717T192746_20180717T195053_C001 CS_OFFL_SIR_FDM_220180717T195841_20180717T200140_C001
CS_OFFL_SIR_FDM_220180717T160658_20180717T162107_C001 CS_OFFL_SIR_FDM_220180717T162424_20180717T163840_C001 CS_OFFL_SIR_FDM_220180717T165733_20180717T170646_C001 CS_OFFL_SIR_FDM_220180717T170808_20180717T171031_C001 CS_OFFL_SIR_FDM_220180717T184412_20180717T191032_C001 CS_OFFL_SIR_FDM_220180717T192746_20180717T195053_C001 CS_OFFL_SIR_FDM_220180717T195841_20180717T1200140_C001 CS_OFFL_SIR_FDM_220180717T1210459_20180717T213240_C001
CS_OFFL_SIR_FDM_220180717T160658_20180717T162107_C001 CS_OFFL_SIR_FDM_220180717T162424_20180717T163840_C001 CS_OFFL_SIR_FDM_220180717T165733_20180717T170646_C001 CS_OFFL_SIR_FDM_220180717T170808_20180717T171031_C001 CS_OFFL_SIR_FDM_220180717T184412_20180717T191032_C001 CS_OFFL_SIR_FDM_220180717T192746_20180717T195053_C001 CS_OFFL_SIR_FDM_220180717T195841_20180717T200140_C001 CS_OFFL_SIR_FDM_220180717T195841_20180717T20140_C001 CS_OFFL_SIR_FDM_220180717T210459_20180717T213240_C001
CS_OFFL_SIR_FDM_220180717T160658_20180717T162107_C001 CS_OFFL_SIR_FDM_220180717T162424_20180717T163840_C001 CS_OFFL_SIR_FDM_220180717T165733_20180717T170646_C001 CS_OFFL_SIR_FDM_220180717T170808_20180717T171031_C001 CS_OFFL_SIR_FDM_220180717T184412_20180717T191032_C001 CS_OFFL_SIR_FDM_220180717T192746_20180717T195053_C001 CS_OFFL_SIR_FDM_220180717T195841_20180717T200140_C001 CS_OFFL_SIR_FDM_220180717T210459_20180717T213240_C001 CS_OFFL_SIR_FDM_220180717T213928_20180717T214054_C001 CS_OFFL_SIR_FDM_220180717T213928_20180717T214054_C001
CS_OFFL_SIR_FDM_220180717T160658_20180717T162107_C001 CS_OFFL_SIR_FDM_220180717T162424_20180717T163840_C001 CS_OFFL_SIR_FDM_220180717T165733_20180717T170646_C001 CS_OFFL_SIR_FDM_220180717T170808_20180717T171031_C001 CS_OFFL_SIR_FDM_220180717T184412_20180717T191032_C001 CS_OFFL_SIR_FDM_220180717T192746_20180717T195053_C001 CS_OFFL_SIR_FDM_220180717T195841_20180717T200140_C001 CS_OFFL_SIR_FDM_220180717T210459_20180717T213240_C001 CS_OFFL_SIR_FDM_220180717T213928_20180717T214054_C001 CS_OFFL_SIR_FDM_220180717T215450_20180717T222754_C001 CS_OFFL_SIR_FDM_220180717T231819_20180717T232213_C001

Ocean Retracking Quality Flag The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean 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	155	155	155	0	0
SIR_FDM_2	152	152	152	0	0
.1 QCC Errors					
umber of QCC reports with e	errors:	0			
.2 QCC Warnings					

Number of QCC reports with warnings

7.3 Missing QCC Reports

Number of products with missing QCC reports:

0