



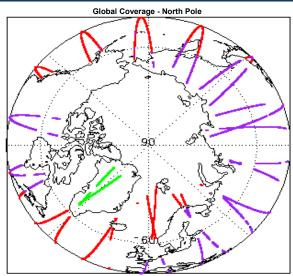
### 1. Overview

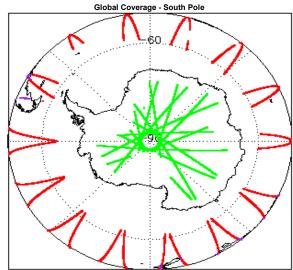
Report Production Date:	28-Jun-2017	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1 and L2 Fast Delivery Marine (FDM)  Mode and L0 Data	

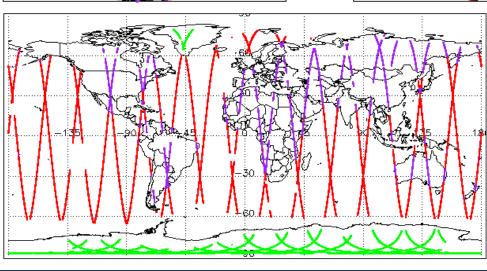
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File 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

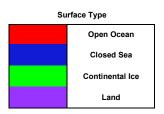
Mission / Instru	ument News
26-Jun-2017	None
27-Jun-2017	None
28-Jun-2017	Nothing planned

# 2. Global Coverage









# 3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A
Star Tracker(s) in use:	Star Tracker 1 & 2

# 4. Level 0 Data Quality Check

### 4.1 L0 Product Format Check

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

Number of products with errors:

0

#### 4.2 L0 Product Header Analysis

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

Product	Test Failed
CS_OPER_SIR1SAR_020170627T041017_20170627T041103_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020170627T201434_20170627T202151_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020170627T003734_20170627T004347_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020170627T035248_20170627T040027_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020170627T120342_20170627T120412_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020170627T013134_20170627T013428_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020170627T171720_20170627T171821_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020170627T193520_20170627T193941_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020170627T094134_20170627T094408_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020170627T003221_20170627T003521_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.

### 5. Level 1B FDM Data Quality Check

#### 5.1 L1B FDM Product Format Check

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

Number of products with errors:

#### 5.2 L1B FDM Product Header Analysis

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

Number of products with errors:

#### 5.3 L1B FDM Star Tracker Usage Check

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

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20170627T151814_20170627T152348_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20170627T170013_20170627T170112_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20170627T202151_20170627T202215_C001	No Star Tracker file used in the processing of this product

#### 5.4 L1B FDM Calibration Usage Check

Each product is checked in order to ensure the necessary calibration files have been used in processing.

Number of products with errors:

#### 5.5 L1B FDM Auxilary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.

Number of products with errors:

### 5.6 L1B FDM Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag (field 54) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

#### 5.7 L1B FDM Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product		Test Failed	Description
CS_OFFL_SIR_FDM_1B_20170627T01	3613_20170627T021009_C001	IECDO EFFOR LEK ECDO EFFOR	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20170627T15	51814_20170627T152348_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20170627T17			The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20170627T20	02151_20170627T202215_C001	Attitude correction missing	The attitude has not been corrected

### 6. Level 2 FDM Data Quality Check

### 6.1 L2 FDM Product Format Check

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

Number of products with errors:

#### 6.2 L2 FDM Product Header Analysis

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:

#### 6.3 L2 FDM Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.

Number of products with errors:

### 6.4 L2 FDM Auxiliary Correction Error Check

Each product is checked to detect auxiliary corrections flagged by the ground-station processing chain as missing or containing errors.

So Silve Diss Coverage in America Year Speed and Sea Silve Diss Coverage in America Year Speed a	Number of products with errors: 39		
Wind Speed	Product	Test Failed	Description There is an error with the Altimetric Wind Speed and Sea State Rise
See State Bias Correction, Allimental Control of the part of the p	CS_OFFL_SIR_FDM_220170626T235830_20170626T235928_C001	Wind Speed	Correction for one or more records
So. OFFL_SIR_FOM_2_201700277103002_0010  So. OFFL_SIR_FOM_2_201700277103002_01001  So. OFFL_SIR_FOM_2_201700277103	CS_OFFL_SIR_FDM_2_20170627T001730_20170627T002015_C001	Wind Speed	Correction for one or more records
Corpet, Silk-Fide 2, 2017/00/271033205, 2017/00/27103424_20001  Silk-Fide 3, 2017/00/271033205, 2017/00/27103424_20001  Silk-Fide 3, 2017/00/271043205, 2017/00/27103424_20001  Silk-Fide 3, 2017/00/271034205, 2017/00/271034205, 20001  Silk-Fide 3, 2017/00/271034205, 20001  Silk-Fide 3, 2017/00/271034205, 2017/00/271034205, 20001  Silk-Fide 3, 2017/00/27110342, 2017/00/271034205, 20001  Silk-Fide 3, 2017/00/27110342, 2017/00/27110342, 20001  Silk-Fide 3, 2017/00/27110342, 2017/00/27110342, 20001  Silk-Fide 3, 2017/00/27110342, 2017/00/27110342, 20001  Silk-Fide 3, 2017/00/2	CS_OFFL_SIR_FDM_220170627T010029_20170627T012051_C001	Wind Speed	Correction for one or more records
Wind Speed Societion for one or more records So Shift Bills Correction, Allmedia Commission for one or more records So Shift Bills Correction, Allmedia Commission for one or more records So Shift Bills Correction, Allmedia Commission for one or more records So Shift Bills Correction, Allmedia Commission for one or more records Co	CS_OFFL_SIR_FDM_220170627T022452_20170627T022554_C001		· ·
Noval Speed  OS. OFFL SIR FDM. 2_01170827105429, 201170827105429, 2011  OS. OFFL SIR FDM. 2_01170827105429, 201170827105429, 2011  OS. OFFL SIR FDM. 2_01170827105429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 201170827106429, 2011708271106449, 2001170827106	CS_OFFL_SIR_FDM_220170627T023606_20170627T030026_C001	Wind Speed	Correction for one or more records
Wire Speed  Sc. OFFL, SIR, FDM. 2_017082710443 (20170827104243, CO01)  Sea State Bas Correction, Allimetric	CS_OFFL_SIR_FDM_220170627T033205_20170627T034742_C001	Wind Speed	
Vino Speed  See State Bias Correction, Attractic Vino Speed and Sea State Bias Correction, Attractic Vino Speed Sea State Bias	CS_OFFL_SIR_FDM_220170627T041103_20170627T043247_C001	The state of the s	
Viril Speed  CS_OFFL_SIR_FDM_2_20170827103432_20170827103500_C001  CS_OFFL_SIR_FDM_2_20170827103500_20170827103500_C001  CS_OFFL_SIR_FDM_2_20170827103500_20170827103500_C001  CS_OFFL_SIR_FDM_2_20170827103500_20170827103500_C001  CS_OFFL_SIR_FDM_2_20170827103500_20170827103500_C001  CS_OFFL_SIR_FDM_2_20170827103500_20170827103500_C001  CS_OFFL_SIR_FDM_2_20170827103500_20170827103500_C001  CS_OFFL_SIR_FDM_2_20170827103500_2017082710012001  CS_OFFL_SIR_FDM_2_20170827110012001  CS_OFFL_SIR_FDM_2_20170827110012001  CS_OFFL_SIR_FDM_2_20170827110012001  CS_OFFL_SIR_FDM_2_20170827111036_C001  CS_OFFL_SIR_FDM_2_20170827111036_C001  CS_OFFL_SIR_FDM_2_20170827111036_C001  CS_OFFL_SIR_FDM_2_20170827111036_C001  CS_OFFL_SIR_FDM_2_201708271110306_C001  CS_OFFL_SIR_FDM_2_20170827110306_C001  CS_OFFL_SIR_FDM_2_20170827123107	CS_OFFL_SIR_FDM_220170627T045530_20170627T052826_C001		· ·
Sc. OFFL_SIR_FDM_2_201706277105270_00000_0000000000000000000000000000	CS_OFFL_SIR_FDM_220170627T054143_20170627T054243_C001		
Sea State Bas Correction, Allimetric Wind Speed Sea State Bas Correction, Alli	CS_OFFL_SIR_FDM_220170627T063443_20170627T065604_C001		
Wind Speed  Sea Shate Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for on	CS_OFFL_SIR_FDM_220170627T073950_20170627T074500_C001		records
Sea OFFL_SIR_FDM_2_2017062771092720333_001  Sea State Bias Correction, Allmetric Wind Speed and Sea State Bias Correction Sea State Bias Correction, Allmetric Wind Speed and Sea State Bias Correction	CS_OFFL_SIR_FDM_220170627T081412_20170627T085027_C001	Wind Speed	Correction for one or more records
Way Speed  So GFFL_SIR_FDM_2_20170627109331_20/106271093433_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed State Bias Correction, Altimetric Wind Speed State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed State Bias Cor	CS_OFFL_SIR_FDM_220170627T090206_20170627T090224_C001		Correction for one or more records
Wind Speed  Sea State Bias Correction, Allimetric Wind Speed  Sea State Bias Correction  Sea State Bias Correction, Allimetric Wind Speed  Sea Sta	CS_OFFL_SIR_FDM_220170627T090311_20170627T091003_C001		· ·
CS_OFFL_SIR_FDM_2_20170627T109272_0170627T10913_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction for one or more records  Sea State Bias Correction Altimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed And Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed And Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed And Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed And Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric Wind Speed And Sea State Bias Co	CS_OFFL_SIR_FDM_220170627T091016_20170627T093433_C001	Wind Speed	Correction for one or more records
Wind Speed  CS_OFFL_SIR_FDM_2_20170627T110754_20170627T14850_C001  Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records  Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or wind records  CS_OFFL_SIR_FDM_2_20170627T164545_C001  Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or wind records  CS_OFFL_SIR_FDM_2_20170627T164545_C001  Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or wind records  CS_OFFL_SIR_FDM_2_20170627T164545_C001  Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or wind records  CS_OFFL_SIR_FDM_2_20170627T164334_20170627T164734_C001  Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or wind the Allimetric Wind Speed and Sea State Bias Correction for Speed and Sea State Bias	CS_OFFL_SIR_FDM_220170627T095328_20170627T100912_C001		
Wind Speed   Correction for one or more records	CS_OFFL_SIR_FDM_220170627T100927_20170627T102143_C001	Wind Speed	
Wind Speed   Correction for one or more records   Correction for one or more record	CS_OFFL_SIR_FDM_220170627T110754_20170627T111636_C001		
CS_OFFL_SIR_FDM_2_20170827T12522_20170827T23333_0001  CS_OFFL_SIR_FDM_2_20170827T125353_20001  CS_OFFL_SIR_FDM_2_20170827T123353_20001  CS_OFFL_SIR_FDM_2_20170827T123353_20001  CS_OFFL_SIR_FDM_2_20170827T123353_20001  CS_OFFL_SIR_FDM_2_20170827T160438_20170827T16453_C001  Sea State Bias Correction  Sea State Bias Correction  Sea State Bias Correction  There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  There is	CS_OFFL_SIR_FDM_220170627T113256_20170627T114651_C001		
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CS_OFFL_SIR_FDM_2_20170627T164453_20170627T165457_C001  Sea State Bias Correction  Sea State Bias Correction  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20170627T18434_20170627T193474_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  CS_OFFL_SIR_FDM_2_20170627T190157_20170627T193309_C001  Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed State Bias Correction, Altimetric Wind Speed State Bias Correction, Altimetric Wind Speed	CS_OFFL_SIR_FDM_220170627T122522_20170627T123233_C001		
Records   Reco	CS_OFFL_SIR_FDM_220170627T123356_20170627T125714_C001		Correction for one or more records
CS_OFFL_SIR_FDM_2_20170627T184304_20170627T184730_CO10  Sea State Bias Correction  Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T185814_20170627T190911_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T185814_20170627T190911_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T191157_20170627T193309_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T200216_20170627T200332_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T201029_20170627T200332_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T201029_20170627T201434_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T202403_20170627T201434_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T203655_20170627T201434_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T203655_20170627T211211_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T213107_20170627T214335_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T214400_20170627T22132_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T214400_20170627T22132_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T21520_20170627T221335_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T214400_20170627T2213430_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T21520_20170627T2213430_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_FDM_2_20170627T21520_20170627T2213430_C001  Sea State Bias Correction, Altimetric  Wind Speed  CS_OFFL_SIR_F	CS_OFFL_SIR_FDM_220170627T160438_20170627T161453_C001	Sea State Bias Correction	
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CS_OFFL_SIR_FDM_2_20170627T214400_20170627T220105_C001  Sea State Bias Correction, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20170627T221520_20170627T222132_C001  Sea State Bias Correction  Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records  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  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  There is an error with the Altimetric Wind Speed and Sea State Bias Correction and the Mean Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction and the Mean Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction and the Mean Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records	CS_OFFL_SIR_FDM_220170627T213107_20170627T214335_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20170627T221520_20170627T222132_C001  Sea State Bias Correction  Sea State Bias Correction, Mean Sea Surface height, Altimetric Wind Speed  CS_OFFL_SIR_FDM_2_20170627T223634_20170627T225118_C001  Sea State Bias Correction, Mean Sea Surface height, Altimetric Wind Speed  Sea State Bias Correction  Sea State Bias Correction  Sea State Bias Correction  There is an error with the Sea State Bias Correction and the Mean Sea Surface Height for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There is an error with the Sea State Bias Correction for one or more records  There	CS_OFFL_SIR_FDM_220170627T214400_20170627T220105_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20170627T22250_20170627T223430_C001  Sea State Bias Correction, Mean Sea Surface height, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20170627T223634_20170627T225118_C001  Sea State Bias Correction Mean Sea Surface Height for one or more records 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 There is an error with the Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric 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 There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric	CS_OFFL_SIR_FDM_220170627T221520_20170627T222132_C001		There is an error with the Sea State Bias Correction for one or more
CS_OFFL_SIR_FDM_2_20170627T223634_20170627T225118_C001  Sea State Bias Correction  Sea State Bias Correction  There is an error with the Sea State Bias Correction for one or more records  Sea State Bias Correction, Altimetric  There is an error with the Altimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220170627T222250_20170627T223430_C001	The state of the s	There is an error with the Altimetric Wind Speed, the Sea State Bias
CS_OFFI_SIR_FDM_2_20170627T232501_20170627T233655_C001 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias	CS_OFFL_SIR_FDM_220170627T223634_20170627T225118_C001	• .	There is an error with the Sea State Bias Correction for one or more
	CS_OFFL_SIR_FDM_220170627T232501_20170627T233655_C001	Sea State Bias Correction, Altimetric Wind Speed	

# 6.5 L2 FDM Measurement Confidence Data Check

4

24

CryoSat L2 data includes a measurement confidence flag (field 8) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220170627T013613_20170627T021009_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220170627T151814_20170627T152348_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220170627T170013_20170627T170112_C001	Echo error, Attitude correction missing	The Echo Rx1 Error flag is set, indicating a degraded raw echo. The attitude
CS_OFFL_SIR_FDM_220170627T202151_20170627T202215_C001	Attitude correction missing	The attitude has not been corrected

# 6.6 L2 FDM Range Measurement Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220170627T001730_20170627T002015_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_220170627T010029_20170627T012051_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_220170627T022452_20170627T022554_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_220170627T033205_20170627T034742_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_220170627T041103_20170627T043247_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_220170627T045530_20170627T052826_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_220170627T081412_20170627T085027_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_220170627T095328_20170627T100912_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_220170627T100927_20170627T102143_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_220170627T110754_20170627T111636_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_220170627T113256_20170627T114651_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_220170627T114830_20170627T115345_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_220170627T122522_20170627T123233_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_220170627T123356_20170627T125714_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_220170627T181730_20170627T182447_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_220170627T185814_20170627T190911_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_220170627T191157_20170627T193309_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_220170627T200216_20170627T200932_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_220170627T201029_20170627T201434_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_220170627T203655_20170627T211211_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_220170627T213107_20170627T214335_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_220170627T214400_20170627T220105_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_220170627T222250_20170627T223430_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20170627T232501_20170627T233655_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.

# 6.7 L2 FDM SWH and Backscatter Measurement Check

CryoSat L2 data includes a SWH-Squared Averaging Status flag (field 39) and an CFI (field 45) and OCOG (field 51) Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220170627T001730_20170627T002015_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_220170627T010029_20170627T012051_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_220170627T022452_20170627T022554_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_220170627T033205_20170627T034742_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_220170627T041103_20170627T043247_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_220170627T045530_20170627T052826_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_220170627T081412_20170627T085027_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_220170627T095328_20170627T100912_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_220170627T100927_20170627T102143_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_220170627T110754_20170627T111636_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_20170627T113256_20170627T114651_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_20170627T114830_20170627T115345_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_20170627T122522_20170627T123233_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_20170627T123356_20170627T125714_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_20170627T181730_20170627T182447_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_20170627T185814_20170627T190911_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_220170627T191157_20170627T193309_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_20170627T200216_20170627T200932_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_220170627T201029_20170627T201434_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_20170627T203655_20170627T211211_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_20170627T213107_20170627T214335_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_20170627T214400_20170627T220105_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_20170627T222250_20170627T223430_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_20170627T232501_20170627T233655_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

# 6.8 L2 FDM Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag (field 66) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220170627T000645_20170627T001028_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T001730_20170627T002015_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T002138_20170627T002843_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T010029_20170627T012051_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T022452_20170627T022554_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T023606_20170627T030026_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T031536_20170627T032628_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T033205_20170627T034742_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T041103_20170627T043247_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T043453_20170627T043952_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T045530_20170627T052826_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T060308_20170627T061118_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T063443_20170627T065604_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T065850_20170627T070910_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T073950_20170627T074500_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T081412_20170627T085027_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T090311_20170627T091003_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T091016_20170627T093433_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T095328_20170627T100912_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T100927_20170627T102143_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T104322_20170627T105907_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T110754_20170627T111636_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T113256_20170627T114651_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T114830_20170627T115345_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T122522_20170627T123233_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T123356_20170627T125714_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.

CS_OFFL_SIR_FDM_220170627T131218_20170627T133520_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T134644_20170627T134741_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T141106_20170627T143620_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T145134_20170627T151811_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T154422_20170627T155902_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_2_20170627T163018_20170627T164451_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T164915_20170627T165457_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T172025_20170627T175401_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T181304_20170627T181632_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T181730_20170627T182447_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T185814_20170627T190911_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T191157_20170627T193309_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T200216_20170627T200932_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T201029_20170627T201434_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T203655_20170627T211211_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T213107_20170627T214335_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T214400_20170627T220105_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T221520_20170627T222132_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T222250_20170627T223430_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T223634_20170627T225118_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220170627T232501_20170627T233655_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.
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# 7. QCC Report Analysis

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

Product type	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR1LRM_0_	145	145	145	0	0
SIR1SAR_0_	116	116	116	0	0
SIR1SIN_0_	104	104	104	0	0
SIR2SIN_0_	95	95	95	0	0
SIR_FDM_1B	145	145	145	0	0
SIR FDM 2	144	144	144	0	0

# 7.1 QCC Errors

Number of QCC reports with errors:

0

### 7.2 QCC Warnings

Number of QCC reports with warnings

0

# 7.3 Missing QCC Reports

Number of products with missing QCC reports:

0