



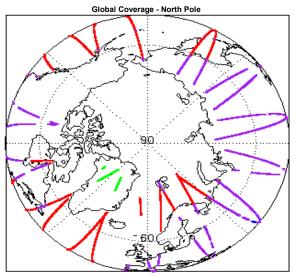
1. Overview

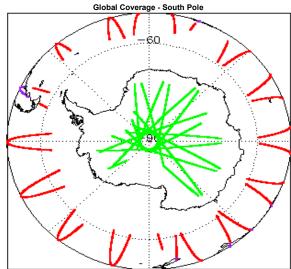
Report Production Date:	08-Aug-2016	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1 and L2 Fast Delivery Marine (FDM)	

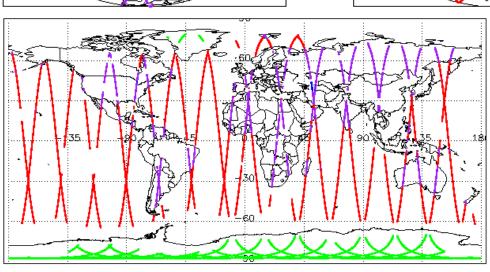
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File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

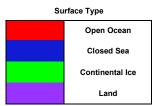
Ν	/lission / Instru	ment News
	05-Aug-2016	None
	06-Aug-2016	None
	07-Aug-2016	Nothing planned

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).

4.2 L0 Product Header Analysis

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

Number of products with errors:

Product	Test Failed
CS_OPER_SIR1SAR_020160806T232859_20160806T232957_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160806T225327_20160806T230058_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160806T211538_20160806T211624_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160806T220421_20160806T220547_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160806T161650_20160806T162056_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020160806T095313_20160806T095455_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: 0

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_20160806T062044_20160806T062101_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160806T075655_20160806T075713_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160806T093330_20160806T093506_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160806T122422_20160806T125719_C001	No Star Tracker file used in the processing of this product

5.4 L1B FDM Calibration Usage Check

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

Number of products with errors: 0

5.5 L1B FDM Auxilary Data File Usage Check

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

Number of products with errors:

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_20160806T033748_20160806T034626_C001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20160806T062044_20160806T062101_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160806T063628_20160806T064021_C001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20160806T075655_20160806T075713_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160806T093330_20160806T093506_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160806T122422_20160806T125719_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160806T144932_20160806T145502_C001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

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).

0

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.

6.3 L2 FDM Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 L2 FDM Auxiliary Correction Error Check

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

Number of products with errors:

See State Blas Correction, Allimetric Wind Speed See State Blas Correction, Allimetric	Number of products with errors: 42		
See State State Committee, American Committee and American Committee and Committee and American Committee and Amer	Product		·
SOUTH_REF_DIL_2 20100000110200_0100001102001_C0010 SOUTH_REF_DIL_2 201000001102002_C0010 SOUTH_REF_DIL_2 201000001102002_C0010 SOUTH_REF_DIL_2 201000001102002_C0010 SOUTH_REF_DIL_2 201000001102002_C0010 SOUTH_REF_DIL_2 201000001102002_C0010 SOUTH_REF_DIL_2 201000001102002_C00100001102002_C0010 SOUTH_REF_DIL_2 201000001102002_C00100001102002_C0010 SOUTH_REF_DIL_2 201000001102002_C001000001102002_C001000001102002_C0010000001102002_C001000001102002_C00100000110200000011020000000000	CS_OFFL_SIR_FDM_220160806T004833_20160806T012429_C001		
No. CPH_SR_POA20168000702932_0168000703932_COUNTY Speed and Sea State Blas Controllor. Althreatic Word Speed and Sea State Blas Controll	CS_OFFL_SIR_FDM_220160806T013609_20160806T015535_C001		
Say Sale Date Date Correction, Alternative Word Speed and Gas Sale Date Date Word Speed (Correction, Alternative Word Speed (Correction) A	CS_OFFL_SIR_FDM_220160806T015607_20160806T020912_C001		
Completion of the completion o	CS_OFFL_SIR_FDM_220160806T022136_20160806T022505_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
So Silke Be Bo Correction, Althreefit Was Signed Co. CPTEL SIR FOW 2_20160807031602 201608070307.001 So Silke Be Bo Correction, Althreefit Was Signed Co. CPTEL SIR FOW 2_20160807031602 201608070307.001 So Silke Be Bo Correction, Althreefit Was Signed Co. CPTEL SIR FOW 2_201608070702 201608070307.001 So Silke Be Bo Correction, Althreefit Was Signed Co. CPTEL SIR FOW 2_201608070702 2016080705072 (2016) So Silke Be Bo Correction, Althreefit Was Signed Co. CPTEL SIR FOW 2_2016080707072 2016080705072 (2016) So Silke Be Bo Correction, Althreefit Was Signed Co. CPTEL SIR FOW 2_2016080707072 2016080705072 (2016) So CPTEL SIR FOW 2_2016080705072 (2016) So CPTEL SIR FOW 2_20160807107020 (2016) So CPTEL SIR FOW 2_20160807107000 (2016) So CPTEL SIR FOW 2_201608007107000 (2016) So CPTEL SIR FOW 2_201608007107000 (2016) So CP	CS_OFFL_SIR_FDM_220160806T022731_20160806T024224_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
See State Bas Correction, Amenda (No. 6)—E. SIR-FOM 2_2016000671047072, 201600011043075, 2010 State Bas Correction, Amenda (No. 6)—E. SIR-FOM 2_201600067104573, 201000011043075, 2010 State Bas Correction, Amenda (No. 6)—E. SIR-FOM 2_201600067104573, 201600011043075, 2010 State Bas Correction, Amenda (No. 6)—E. SIR-FOM 2_201600067104573, 201000011043075, 2010 State Bas Correction, Amenda (No. 6)—E. SIR-FOM 2_201600067104573, 201600011043075, 2010 State Bas Correction, Amenda (No. 6)—E. SIR-FOM 2_201600067104572, 201600011043075, 2010 State Bas Correction, Amenda (No. 6)—E. SIR-FOM 2_201600067104570, 20160001104116, 2010 State Bas Correction, Amenda (No. 6)—E. SIR-FOM 2_201600067104207, 20160001104307, 2010 State Bas Correction, Amenda (No. 6)—E. SIR-FOM 2_201600067104207, 20160001704202,	CS_OFFL_SIR_FDM_220160806T024427_20160806T025347_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Se Siste Date Orreston, Allmetic Vivo Speed and Sea Siste Date Orreston, Allmetic Vivo Speed Correction, Allmetic Vivo Speed C	CS_OFFL_SIR_FDM_220160806T031608_20160806T033307_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
So CPFL_SIR_FDM_2_20160000T004331_20160000T004342_C010 So CPFL_SIR_FDM_2_20160000T004331_20160000T004342_C010 So CPFL_SIR_FDM_2_20160000T004342_0160000T004342_C010 So CPFL_SIR_FDM_2_20160000T004342_D0160000T004342_C010 So CPFL_SIR_FDM_2_20160000T004342_D0160000T004342_C010 So CPFL_SIR_FDM_2_20160000T004242_D0160000T004342_C010 So CPFL_SIR_FDM_2_20160000T004242_D016000T004342_C010 So CPFL_SIR_FDM_2_20160000T004242_D016000T004342_C010 So CPFL_SIR_FDM_2_20160000T004242_D016000T004342_C010 So CPFL_SIR_FDM_2_D016000T004242_D016000T004342_C010 So CPFL_SIR_FDM_2_D016000T004242_D016000T004342_C010 So CPFL_SIR_FDM_2_D016000T004242_D016000T004424_C010 So CPFL_SIR_FDM_2_D016000T104242_D016000T004424_C010 So CPFL_SIR_FDM_2_D016000T104242_D016000T104444_C010 So CPFL_SIR_FDM_2_D016000T104242_D016000T104444_C010 So CPFL_SIR_FDM_2_D016000T104242_D016000T104444_C010 So CPFL_SIR_FDM_2_D016000T104242_D016000T104444_C010 So CPFL_SIR_FDM_2_D016000T104242_D016000T104444_C010 So CPFL_SIR_FDM_2_D016000T104244_C010 So CPFL_SIR_F	CS_OFFL_SIR_FDM_220160806T040700_20160806T042053_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Vivid Speed Osc. OFFL_SIR_FDM_2_201600061705402_010006170540_0001 Speed_Size_Biss_Correction, Alternetic Speed and See State Biss Correction, Alternetic Speed and See State Biss Correction, Alternetic Speed S	CS_OFFL_SIR_FDM_220160806T045532_20160806T045759_C001		
View Speed Composition (1997)—2. 2016000611092107 (201600061092216_C001) CS_OFFL_SIR_FDM_2_201600061092107 (201600061092216_C001) CS_OFFL_SIR_FDM_2_201600061092107 (201600061092216_C001) CS_OFFL_SIR_FDM_2_201600061092107 (201600061092216_C001) CS_OFFL_SIR_FDM_2_201600061092107 (201600061092216_C001) CS_OFFL_SIR_FDM_2_201600061092107 (201600061092216_C001) CS_OFFL_SIR_FDM_2_201600061092406_20160006109236_C001 CS_OFFL_SIR_FDM_2_201600061092406_20160006109236_C001 CS_OFFL_SIR_FDM_2_201600061092406_20160006109236_C001 CS_OFFL_SIR_FDM_2_201600061092406_20160006109256_C001 CS_OFFL_SIR_FDM_2_201600061109257_C001 CS_OFFL_SIR_FDM_2_201600061109257_C001 CS_OFFL_SIR_FDM_2_2016000611092406_201600061109256_C001 CS_OFFL_SIR_FDM_2_2016000611092406_2016000611092406_C001 CS_OFFL_SIR_FDM_2_2016000611092406_2016000611092406_C001 CS_OFFL_SIR_FDM_2_2016000611092406_C001 CS_OFFL_SIR_FDM_2_20160006110924	CS_OFFL_SIR_FDM_220160806T050331_20160806T050512_C001		
Vind Speed GG_OFFL_SIR_FDM_2_201608067102210_201608067102346_0001 GG_OFFL_SIR_FDM_2_201608067102220_201608067072203_C001 GG_OFFL_SIR_FDM_2_201608067102202_201608067102303_C001 GG_OFFL_SIR_FDM_2_201608067102202_201608067102303_C001 GG_OFFL_SIR_FDM_2_201608067102303_C001 GG_OFFL_SIR_FDM_2_201608067102403_201608067103032_C001 GG_OFFL_SIR_FDM_2_201608067104045_201608067104040_C001 GG_OFFL_SIR_FDM_2_201608067104045_201608067104040_C001 GG_OFFL_SIR_FDM_2_201608067104045_201608067104040_C001 GG_OFFL_SIR_FDM_2_201608067104045_201608067104040_C001 GG_OFFL_SIR_FDM_2_201608067104045_20160806713040_C001 GG_OFFL_SIR_FDM_2_201608067104040_C001 GG_OFFL_SIR_FDM_2_201608067104040_C001 GG_OFFL_SIR_FDM_2_201608067104040_C001 GG_OFFL_SIR_FDM_2_201608067104040_C001 GG_OFFL_SIR_FDM_2_201608067104040_C001 GG_OFFL_SIR_FDM_2_201608067104040_C001 GG_OFFL_SIR_FDM_2_201608067104040_C001 GG_OFFL_SIR_FDM_2_2016080671304040_C001 GG_OFFL_SIR_FDM_2_2016080671404040_C001 GG_OFFL_SIR_FD	CS_OFFL_SIR_FDM_220160806T050757_20160806T053053_C001		
SOFFL.SIR_FDM_2_20160960F1075032_c0160960F1075032_c001 Soc Soffles_Sir_FDM_2_20160960F075032_c001 Soc Soffles_Sir_FDM_2_20160960F095052_c000 Soc Soffles_Sir_FDM_2_20160960F095052_c000 Soc Soffles_Sir_FDM_2_20160960F095052_c000 Soc Soffles_Sir_FDM_2_20160960F095052_c0160960F109532_c001 Soc Soffles_Sir_FDM_2_20160960F095052_c0160960F10950_c001 Soc Soffles_Sir_FDM_2_20160960F109502_c0160960F109506_c001 Soc Soffles_Sir_FDM_2_20160960F1095052_c0160960F110931_c001 Soc Soffles_Sir_FDM_2_20160960F1095052_c0160960F110931_c001 Soc Soffles_Sir_FDM_2_20160960F1095052_c0160960F110931_c001 Soc Soffles_Sir_FDM_2_20160960F1095052_c0160960F110931_c001 Soc Soffles_Sir_FDM_2_20160960F1095052_c0160960F110931_c001 Soc Soffles_Sir_FDM_2_20160960F1095052_c0160960F110931_c001 Soc Soffles_Sir_FDM_2_20160960F1095052_c0160960F1109506_c001 Soc Soffles_Sir_FDM_2_20160960F109506_c001 Soc Soffles_Sir_FDM_2_20160960F1109506_c001 Soc Sof	CS_OFFL_SIR_FDM_220160806T054640_20160806T061112_C001		·
Wind Speed S	CS_OFFL_SIR_FDM_220160806T062101_20160806T062115_C001		
Wind Speed CS_OFFL_SIR_FDM_2_20160006T075713_20160006T094372_C001 CS_OFFL_SIR_FDM_2_20160006T094381_20160006T094372_C001 CS_OFFL_SIR_FDM_2_20160006T094382_00160006T094372_C001 CS_OFFL_SIR_FDM_2_20160006T094552_20160006T102753_C001 CS_OFFL_SIR_FDM_2_20160006T094552_20160006T102753_C001 CS_OFFL_SIR_FDM_2_20160006T094552_20160006T102753_C001 CS_OFFL_SIR_FDM_2_20160006T094552_20160006T100469_C001 CS_OFFL_SIR_FDM_2_20160006T1094582_20160006T100469_C001 CS_OFFL_SIR_FDM_2_20160006T1094582_20160006T100469_C001 CS_OFFL_SIR_FDM_2_20160006T1094582_20160006T10940_C001 CS_OFFL_SIR_FDM_2_20160006T1094582_20160006T10940_C001 CS_OFFL_SIR_FDM_2_20160006T10940_C001 CS_OFFL_SIR_FDM_2_20160006T10940_C001 CS_OFFL_SIR_FDM_2_20160006T10940_C001 CS_OFFL_SIR_FDM_2_20160006T10940_C001 CS_OFFL_SIR_FDM_2_20160006T10940_C001 CS_OFFL_SIR_FDM_2_20160006T10940_C001 CS_OFFL_SIR_FDM_2_20160006T10940_C001 CS_OFFL_SIR_FDM_2_20160006T10940_C00006T10940_C001 CS_OFFL_SIR_FDM_2_20160006T10940_C00006T10940_C001 CS_OFFL_SIR_FDM_2_20160006T10940_C00006T10940_C001 CS_OFFL_SIR_FDM_2_20160006T10940_C00006T10940_C001 CS_OFFL_SIR_FDM_2_20160006T10940_C00006T10940_C00006T10940_C00006T10940_C00006T10940_C00006T10940_C00006T10940_C00006T10940_C00006T10940_C00006T10940_C00006T10940_C000006T10940_C000	CS_OFFL_SIR_FDM_220160806T064228_20160806T065346_C001	Wind Speed	Correction for one or more records
Wind speed Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction, Allimetric Wind Speed Correction, Allimetr	CS_OFFL_SIR_FDM_220160806T072602_20160806T075203_C001		·
No. OFFL. SIR, FDM. 2_0160806T094391_20160806T09473_COUNT Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction	CS_OFFL_SIR_FDM_220160806T075713_20160806T080352_C001	Wind Speed	
Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061104553_201608061102753_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061104553_201608061120753_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061120242_201608061125719_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061120242_201608061125719_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061120242_201608061125819_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061132019_20160806113254_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061132019_201608061132516_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061132019_201608061134614_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061132019_201608061134614_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061132019_201608061134614_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061134584_CO1680661154851_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061151040_201608061150837_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061151040_201608061150837_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061151040_201608061154856_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061151040_201608061154856_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061154908661154850_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061154908661154850_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061140912_201608061154850_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061140912_201608061192843_CO01 Sea State Bias Correction, Altimetric Wind Speed GS_OFFL_SIR_FDM_2_201608061140912_20	CS_OFFL_SIR_FDM_220160806T083831_20160806T084737_C001	Wind Speed	Correction for one or more records
Wind Speed Ses State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Ses State Bias Correction, Altimetric Wind Speed Ses State Bias Correc	CS_OFFL_SIR_FDM_220160806T094249_20160806T094321_C001	Wind Speed	Correction for one or more records
Wind Speed See State Bias Correction, Alimetric Wind Speed See State Bias Correction	CS_OFFL_SIR_FDM_220160806T095455_20160806T102753_C001	Wind Speed	Correction for one or more records
Using Speed Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction from one or more records Sea State Bias Correction, Allimetric	CS_OFFL_SIR_FDM_220160806T104553_20160806T111031_C001	Wind Speed	Correction for one or more records
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CS_OFFL_SIR_FDM_2_20160806T192906_20160806T192943_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 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 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 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 Wi			records
Wind Speed CS_OFFL_SIR_FDM_2_20160806T194704_20160806T195340_C001 Wind Speed Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20160806T194704_20160806T195340_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20160806T195636_20160806T202228_C001 CS_OFFL_SIR_FDM_2_20160806T212337_20160806T212728_C001 CS_OFFL_SIR_FDM_2_20160806T212337_20160806T212728_C001 CS_OFFL_SIR_FDM_2_20160806T224201_20160806T225327_C001 CS_OFFL_SIR_FDM_2_20160806T224201_20160806T225327_C001 CS_OFFL_SIR_FDM_2_20160806T230321_20160806T230709_C001 CS_OFFL_SIR_FDM_2_20160806T230321_20160806T230709_C001 CS_OFFL_SIR_FDM_2_20160806T230321_20160806T232858_C001 CS_OFFL_SIR_FDM_2_20160806T231435_20160806T232858_C001 CS_OFFL_SIR_FDM_2_20160806T232957_20160806T232858_C001 Sea State Bias Correction, Altimetric Wind Speed 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 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 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			records
CS_OFFL_SIR_FDM_2_20160806T1954704_20160806T195340_C001 Wind Speed CS_OFFL_SIR_FDM_2_20160806T195636_20160806T202228_C001 Wind Speed Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20160806T212337_20160806T212728_C001 Sea State Bias Correction, Altimetric Wind Speed There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records 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 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 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 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 Spee		Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_20160806T212337_20160806T212728_C001 Wind Speed CS_OFFL_SIR_FDM_2_20160806T212337_20160806T212728_C001 Wind Speed CS_OFFL_SIR_FDM_2_20160806T212337_20160806T212728_C001 Sea State Bias Correction, Altimetric Wind Speed 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 CS_OFFL_SIR_FDM_2_20160806T230321_20160806T230709_C001 CS_OFFL_SIR_FDM_2_20160806T231435_20160806T232858_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 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		Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_20160806T2337_20160806T225327_C001 Wind Speed 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_20160806T230321_20160806T230709_C001 CS_OFFL_SIR_FDM_2_20160806T231435_20160806T232858_C001 CS_OFFL_SIR_FDM_2_20160806T231435_20160806T232858_C001 CS_OFFL_SIR_FDM_2_20160806T231435_20160806T232858_C001 CS_OFFL_SIR_FDM_2_20160806T231435_20160806T232858_C001 CS_OFFL_SIR_FDM_2_20160806T231435_20160806T232858_C001 CS_OFFL_SIR_FDM_2_20160806T231435_20160806T232858_C001 CS_OFFL_SIR_FDM_2_20160806T232857_20160806T234003_C001 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 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		Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_20160806T230321_20160806T230709_C001 CS_OFFL_SIR_FDM_2_20160806T230321_20160806T230709_C001 CS_OFFL_SIR_FDM_2_20160806T231435_20160806T232858_C001 CS_OFFL_SIR_FDM_2_20160806T231435_20160806T232858_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 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 Sea State Bias Correction for one or more		Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_2_201608061230321_201608061230709_C001 Wind Speed CS_OFFL_SIR_FDM_2_20160806T231435_20160806T232858_C001 Wind Speed Correction, Altimetric Wind Speed 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
CS_OFFL_SIR_FDM_2201608061231435_201608061232858_C001 Wind Speed Correction for one or more records There is an error with the Sea State Bias Correction for one or more		Wind Speed	Correction for one or more records
US OFFI SIR FDM Z ZUTBURUB I Z3Z957 ZUTBURUB I Z34UU3 CUUT — ISBA STATE BIAS COFFECTION — I			Correction for one or more records
	CS_OFFL_SIR_FDM_220160806T232957_20160806T234003_C001	Sea State Bias Correction	

6.5 L2 FDM Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160806T033748_20160806T034626_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220160806T062044_20160806T062101_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160806T063628_20160806T064021_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220160806T075655_20160806T075713_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160806T093330_20160806T093506_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160806T122422_20160806T125719_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160806T144932_20160806T145502_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo

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:

07

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160806T004833_20160806T012429_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_220160806T015607_20160806T020912_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_220160806T022731_20160806T024224_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_220160806T024427_20160806T025347_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_220160806T031608_20160806T033307_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_220160806T050331_20160806T050512_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_220160806T050757_20160806T053053_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_220160806T054640_20160806T061112_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_220160806T062101_20160806T062115_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_20160806T064228_20160806T065346_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_220160806T072602_20160806T075203_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_220160806T075713_20160806T080352_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_20160806T094249_20160806T094321_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_220160806T095455_20160806T102753_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_220160806T104553_20160806T111031_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_20160806T120227_20160806T120649_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_20160806T122422_20160806T125719_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_20160806T132919_20160806T133148_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_220160806T133151_20160806T134614_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_220160806T145846_20160806T150837_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_220160806T151040_20160806T152516_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_220160806T155903_20160806T161159_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_220160806T192906_20160806T192943_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_220160806T194704_20160806T195340_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_220160806T195636_20160806T202228_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_220160806T212337_20160806T212728_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_220160806T231435_20160806T232858_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: 27		
Product	Test Failed	Description
CS_OFFL_SIR_FDM_2_20160806T004833_20160806T012429_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_220160806T015607_20160806T020912_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_220160806T022731_20160806T024224_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_220160806T024427_20160806T025347_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_220160806T031608_20160806T033307_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_220160806T050331_20160806T050512_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_220160806T050757_20160806T053053_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_220160806T054640_20160806T061112_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_220160806T062101_20160806T062115_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_220160806T064228_20160806T065346_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_220160806T072602_20160806T075203_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_220160806T075713_20160806T080352_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_220160806T094249_20160806T094321_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_220160806T095455_20160806T102753_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_220160806T104553_20160806T111031_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_220160806T120227_20160806T120649_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_220160806T122422_20160806T125719_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_220160806T132919_20160806T133148_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_220160806T133151_20160806T134614_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_220160806T145846_20160806T150837_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_220160806T151040_20160806T152516_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_220160806T155903_20160806T161159_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_220160806T192906_20160806T192943_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_220160806T194704_20160806T195340_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_220160806T195636_20160806T202228_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_220160806T212337_20160806T212728_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_220160806T231435_20160806T232858_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:

44

	l=	
Product CS_OFFL_SIR_FDM_2_20160806T000625_20160806T003050_C001	Test Failed	Description The Ocean Retracking Quality Flag is set indicating the CFI Ocean
	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_220160806T004833_20160806T012429_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_220160806T013609_20160806T015535_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220160806T015607_20160806T020912_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_220160806T022731_20160806T024224_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_220160806T024427_20160806T025347_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_220160806T031608_20160806T033307_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_220160806T050331_20160806T050512_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_220160806T050757_20160806T053053_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_2_20160806T054640_20160806T061112_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
		Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_220160806T062101_20160806T062115_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_220160806T064228_20160806T065346_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_220160806T072602_20160806T075203_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220160806T075713_20160806T080352_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_220160806T091427_20160806T091834_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_220160806T094043_20160806T094242_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_220160806T094249_20160806T094321_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_220160806T095455_20160806T102753_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_220160806T104553_20160806T111031_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_2_20160806T111151_20160806T111208_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
		Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_220160806T120227_20160806T120649_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_220160806T122422_20160806T125719_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220160806T131022_20160806T132524_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_220160806T132919_20160806T133148_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_220160806T133151_20160806T134614_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_220160806T140513_20160806T141735_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_220160806T141917_20160806T143626_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_220160806T145846_20160806T150837_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_220160806T151040_20160806T152516_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_2_20160806T155903_20160806T161159_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
		Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_220160806T161322_20160806T161543_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_220160806T164918_20160806T170407_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_220160806T171958_20160806T174542_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220160806T181839_20160806T184305_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_220160806T192906_20160806T192943_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_220160806T194704_20160806T195340_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_220160806T195636_20160806T202228_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_220160806T203910_20160806T211208_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_220160806T212337_20160806T212728_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_2_20160806T221815_20160806T223915_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
		Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_2_20160806T224201_20160806T225327_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_220160806T230321_20160806T230709_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean
CS_OFFL_SIR_FDM_220160806T231435_20160806T232858_C001	Ocean Retracking Quality Flag	Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220160806T232957_20160806T234003_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.