



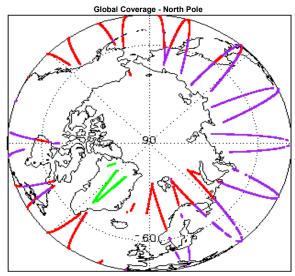
1. Overview

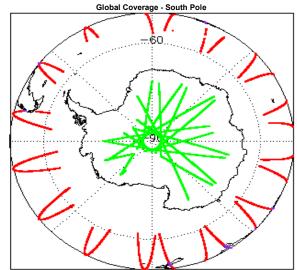
Report Production Date:	08-Aug-2016	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	

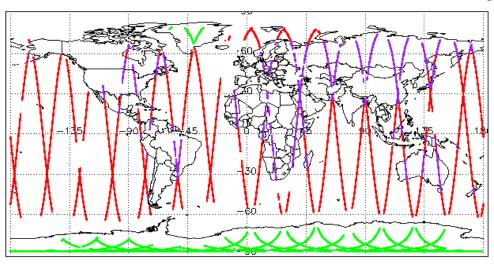
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File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

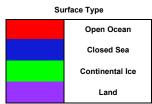
I	Mission / Instrument News		
	04-Aug-2016	None	
	05-Aug-2016	None	
	06-Aug-2016	Nothing planned	

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_SIR1SIN_020160805T054250_20160805T054548_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160805T054053_20160805T054247_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160805T013141_20160805T013807_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020160805T225516_20160805T225641_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:

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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_20160805T070331_20160805T071012_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160805T084602_20160805T084709_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160805T102539_20160805T102559_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160805T134918_20160805T135052_C001	No Star Tracker file used in the processing of this product

5.4 L1B FDM Calibration Usage Check

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

Number of products with errors: 0

5.5 L1B FDM Auxilary Data File Usage Check

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

Number of products with errors: 0

5.6 L1B FDM Auxiliary Correction Error Check

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

Number of products with errors: 0

5.7 L1B FDM Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20160805T040801_20160805T042220_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_20160805T070331_20160805T071012_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160805T084602_20160805T084709_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160805T102539_20160805T102559_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160805T134918_20160805T135052_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160805T164826_20160805T165416_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).

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:

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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.

4.4

Number of products with errors: 44				
Product	Test Failed	Description		
CS_OFFL_SIR_FDM_220160804T235946_20160805T003215_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T003218_20160805T003545_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T004615_20160805T004658_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T013928_20160805T014555_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records		
CS OFFL SIR FDM 2 20160805T015444 20160805T015600 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias		
CS_OFFL_SIR_FDM_2_20160805T020847_20160805T021456_C001	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias		
	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias		
CS_OFFL_SIR_FDM_220160805T022846_20160805T024443_C001 CS_OFFL_SIR_FDM_2_20160805T033409_20160805T035031_C001	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias		
	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias		
CS_OFFL_SIR_FDM_220160805T040801_20160805T042220_C001	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias		
CS_OFFL_SIR_FDM_220160805T045819_20160805T052129_C001	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias		
CS_OFFL_SIR_FDM_220160805T054549_20160805T054608_C001	Wind Speed	Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T054633_20160805T055333_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T055554_20160805T062154_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T063806_20160805T070159_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T081651_20160805T084402_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T085030_20160805T085439_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T095554_20160805T095757_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T102954_20160805T103353_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T104528_20160805T105447_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T114753_20160805T120026_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T121040_20160805T121046_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T122227_20160805T125730_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_2_20160805T131646_20160805T134808_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T140044_20160805T141527_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T141852_20160805T142112_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T142115_20160805T143700_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T145432_20160805T150448_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T151039_20160805T152637_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T155011_20160805T160028_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T160208_20160805T161544_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T163557_20160805T164703_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T165700_20160805T170321_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T173127_20160805T175358_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T181034_20160805T183812_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T185923_20160805T185954_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T203530_20160805T204237_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T204554_20160805T205801_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T205803_20160805T210348_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T213048_20160805T220236_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		
CS_OFFL_SIR_FDM_220160805T221427_20160805T221452_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		
CS_OFFL_SIR_FDM_220160805T222742_20160805T222855_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias		
CS_OFFL_SIR_FDM_2_20160805T223405_20160805T225102_C001	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias		
CS OFFL SIR FDM 2 20160805T230855 20160805T233004 C001	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias		
CS OFFL SIR FDM 2 20160805T233037 20160805T234422 C001	Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias		
00_01 FL_3IK_FDIVI_ZZ01000031Z33037_Z01008031Z344ZZ_C001	Wind Speed	Correction for one or more records		

6.5 L2 FDM Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160805T040801_20160805T042220_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220160805T070331_20160805T071012_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160805T084602_20160805T084709_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160805T102539_20160805T102559_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: 30				
Product	Test Failed	Description		
CS_OFFL_SIR_FDM_220160804T235946_20160805T003215_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_220160805T003218_20160805T003545_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_20160805T015444_20160805T015600_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_220160805T020847_20160805T021456_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_220160805T033409_20160805T035031_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_220160805T040801_20160805T042220_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_220160805T045819_20160805T052129_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_220160805T054549_20160805T054608_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_220160805T054633_20160805T055333_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_220160805T055554_20160805T062154_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_220160805T081651_20160805T084402_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_220160805T085030_20160805T085439_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_220160805T102954_20160805T103353_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_220160805T104528_20160805T105447_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_220160805T122227_20160805T125730_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_220160805T140044_20160805T141527_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_220160805T141852_20160805T142112_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_220160805T142115_20160805T143700_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_220160805T145432_20160805T150448_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_220160805T151039_20160805T152637_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_220160805T155011_20160805T160028_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_220160805T165700_20160805T170321_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_20160805T173127_20160805T175358_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_220160805T185923_20160805T185954_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_220160805T203530_20160805T204237_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_220160805T205803_20160805T210348_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_220160805T221427_20160805T221452_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_220160805T222742_20160805T222855_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_220160805T230855_20160805T233004_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_220160805T233037_20160805T234422_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: 30		
Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160804T235946_20160805T003215_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_220160805T003218_20160805T003545_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_220160805T015444_20160805T015600_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_220160805T020847_20160805T021456_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_220160805T033409_20160805T035031_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_220160805T040801_20160805T042220_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_220160805T045819_20160805T052129_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_220160805T054549_20160805T054608_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_220160805T054633_20160805T055333_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_220160805T055554_20160805T062154_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_220160805T081651_20160805T084402_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_220160805T085030_20160805T085439_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_220160805T102954_20160805T103353_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_220160805T104528_20160805T105447_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_220160805T122227_20160805T125730_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_220160805T140044_20160805T141527_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_220160805T141852_20160805T142112_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_220160805T142115_20160805T143700_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_220160805T145432_20160805T150448_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_220160805T151039_20160805T152637_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_220160805T155011_20160805T160028_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_220160805T165700_20160805T170321_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_220160805T173127_20160805T175358_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_220160805T185923_20160805T185954_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_220160805T203530_20160805T204237_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_220160805T205803_20160805T210348_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_220160805T221427_20160805T221452_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_220160805T222742_20160805T222855_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_220160805T230855_20160805T233004_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_220160805T233037_20160805T234422_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

CS_OFFL_SIR_FDM_2__20160805T163557_20160805T164703_C001

CS OFFL SIR FDM 2 20160805T164826 20160805T165416 C001

CS OFFL SIR FDM 2 20160805T165700 20160805T170321 C001

CS_OFFL_SIR_FDM_2__20160805T173127_20160805T175358_C001

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:

CS_OFFL_SIR_FDM_2__20160804T235946_20160805T003215_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T003218 20160805T003545 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T005459_20160805T012013_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T013928_20160805T014555_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T014559 20160805T015442 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T015444_20160805T015600_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T020042_20160805T020834_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T020847 20160805T021456 C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T022846 20160805T024443 C001 Ocean Retracking Quality Flag Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T031820 20160805T033230 C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T033409 20160805T035031 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T040801_20160805T042220_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T045819 20160805T052129 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T054549_20160805T054608_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T054633 20160805T055333 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T055554_20160805T062154_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T063806_20160805T070159_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T071012 20160805T071258 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T073443_20160805T074439_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T081651_20160805T084402_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T085030 20160805T085439 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T102954_20160805T103353_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T104528 20160805T105447 C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T114753 20160805T120026 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T122227_20160805T125730_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T131646_20160805T134808_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T140044 20160805T141527 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T141852_20160805T142112_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T142115 20160805T143700 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T145432_20160805T150448_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T151039_20160805T152637_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20160805T155011 20160805T160028 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20160805T160208_20160805T161544_C001 Ocean Retracking Quality Flag

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

cean Retracking Quality Flag
cean Retracking Quality Flag

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