



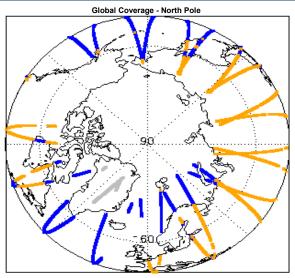
1. Overview

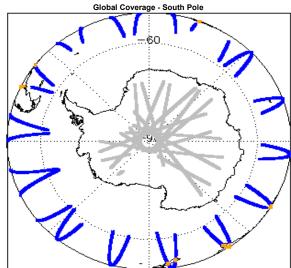
Report Production Date:	06-Oct-2015	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1 and L2 Fast Delivery Marine (FDM)	

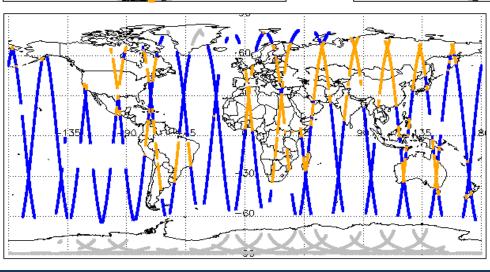
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File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

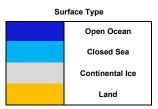
Mission / Instru	ument News
28-Sep-2015	None
29-Sep-2015	None
30-Sep-2015	Nothing planned

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

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:

3

Product	Test Failed
CS_OPER_SIR2SIN_0_20150929T151728_20150929T152053_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020150929T224609_20150929T225748_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020150929T133140_20150929T133306_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.

5. Level 1B FDM Data Quality Check

5.1 L1B FDM Product Format Check

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

Number of products with errors:

5.2 L1B FDM Product Header Analysis

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

Number of products with errors:

5.3 L1B FDM Star Tracker Usage Check

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

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20150929T010051_20150929T010223_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20150929T035155_20150929T042515_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20150929T222822_20150929T223540_C001	No Star Tracker file used in the processing of this product

5.4 L1B FDM Calibration Usage Check

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

Number of products with errors:

5.5 L1B FDM Auxilary Data File Usage Check

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

Number of products with errors:

5.6 L1B FDM Auxiliary Correction Error Check

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

Number of products with errors: 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_20150929T010051_20150929T010223_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20150929T035155_20150929T042515_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20150929T104237_20150929T105446_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20150929T222822_20150929T223540_C001	Attitude correction missing	The attitude has not been corrected

6. Level 2 FDM Data Quality Check

6.1 L2 FDM Product Format Check

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

Number of products with errors:

6.2 L2 FDM Product Header Analysis

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

Number of products with errors:

6.3 L2 FDM Auxiliary Data File Usage Check

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

Number of products with errors:

0

6.4 L2 FDM Auxiliary Correction Error Check

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

Number of products with errors:

46

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220150928T234440_20150929T000020_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20150929T003242_20150929T003644_C001	Sea State Bias Correction	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
CS_OFFL_SIR_FDM_220150929T005122_20150929T005807_C001	Sea State Bias Correction Sea State Bias Correction, Altimetric	records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220150929T010223_20150929T010507_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220150929T010630_20150929T010715_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_220150929T010803_20150929T010943_C001	Mean Sea Surface Height	There is an error with the Mean Sea Surface Height for one or more records
CS_OFFL_SIR_FDM_220150929T012213_20150929T015457_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_220150929T032943_20150929T033412_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS OFFL SIR FDM 2 20150929T035155 20150929T042515 C001	Wind Speed Sea State Bias Correction	Correction for one or more records There is an error with the Sea State Bias Correction for one or more
CS OFFL SIR FDM 2 20150929T043746 20150929T045335 C001	Sea State Bias Correction, Altimetric	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_220150929T045639_20150929T051327_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_220150929T053231_20150929T054306_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220150929T054631_20150929T060337_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150929T061732_20150929T063557_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_220150929T063800_20150929T065224_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_220150929T070920_20150929T071231_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_220150929T072622_20150929T073918_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20150929T081645_20150929T083106_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	Correction for one or more records There is an error with the Sea State Bias Correction for one or more
CS_OFFL_SIR_FDM_220150929T095131_20150929T101012_C001	Sea State Bias Correction	records There is an error with the Sea State Bias Correction for one or more
CS_OFFL_SIR_FDM_220150929T102612_20150929T103708_C001	Sea State Bias Correction Sea State Bias Correction, Altimetric	records There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_220150929T104237_20150929T105446_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220150929T111248_20150929T114943_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_220150929T130146_20150929T131220_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220150929T132412_20150929T132615_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_220150929T134545_20150929T140633_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 20150929T140919 20150929T142041 C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20150929T143042_20150929T143427_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_220150929T152429_20150929T155701_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_220150929T155710_20150929T160037_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220150929T161845_20150929T164506_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_220150929T170436_20150929T171905_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_220150929T171935_20150929T172053_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_220150929T172534_20150929T173905_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_220150929T175402_20150929T180937_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 20150929T181221 20150929T182623 C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more
CS OFFL SIR FDM 2 20150929T184325 20150929T185722 C001	Sea State Bias Correction, Altimetric	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_220150929T185901_20150929T191514_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_220150929T193251_20150929T195140_C001	Wind Speed	Correction for one or more records
CS_OFFL_SIR_FDM_220150929T202319_20150929T204457_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_220150929T205151_20150929T205936_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_220150929T211040_20150929T211824_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_220150929T212042_20150929T213016_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_220150929T223540_20150929T223754_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS OFFL SIR FDM 2 20150929T223812 20150929T223833 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_220150929T225821_20150929T230930_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_220150929T234152_20150930T000854_C001	Wind Speed	Correction for one or more records

6.5 L2 FDM Measurement Confidence Data Check

6.6 L2 FDM Range Measurement Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220150929T010223_20150929T010507_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_220150929T010630_20150929T010715_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_220150929T012213_20150929T015457_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_220150929T043746_20150929T045335_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_220150929T045639_20150929T051327_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_220150929T053231_20150929T054306_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_220150929T061732_20150929T063557_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_220150929T063800_20150929T065224_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_220150929T070920_20150929T071231_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_220150929T072622_20150929T073918_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_220150929T104237_20150929T105446_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_220150929T111248_20150929T114943_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_220150929T134545_20150929T140633_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_220150929T140919_20150929T142041_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_220150929T152429_20150929T155701_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_220150929T155710_20150929T160037_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_220150929T161845_20150929T164506_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_220150929T170436_20150929T171905_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_220150929T171935_20150929T172053_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_220150929T172534_20150929T173905_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_220150929T184325_20150929T185722_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_220150929T185901_20150929T191514_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_220150929T193251_20150929T195140_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_220150929T205151_20150929T205936_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_220150929T211040_20150929T211824_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_220150929T212042_20150929T213016_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_220150929T223540_20150929T223754_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_220150929T234152_20150930T000854_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.

6.7 L2 FDM SWH and Backscatter Measurement Check

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

Number of products with errors:

Product	Test Failed	Description
	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_220150929T010630_20150929T010715_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_220150929T012213_20150929T015457_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_220150929T043746_20150929T045335_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_220150929T045639_20150929T051327_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_220150929T053231_20150929T054306_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_220150929T061732_20150929T063557_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_220150929T063800_20150929T065224_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_220150929T070920_20150929T071231_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_220150929T072622_20150929T073918_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_220150929T104237_20150929T105446_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_220150929T111248_20150929T114943_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_220150929T134545_20150929T140633_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_220150929T140919_20150929T142041_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_220150929T152429_20150929T155701_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_220150929T155710_20150929T160037_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_220150929T161845_20150929T164506_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_220150929T170436_20150929T171905_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_220150929T171935_20150929T172053_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_220150929T172534_20150929T173905_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_220150929T184325_20150929T185722_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_220150929T185901_20150929T191514_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_220150929T193251_20150929T195140_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_220150929T205151_20150929T205936_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_220150929T211040_20150929T211824_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_220150929T212042_20150929T213016_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_220150929T223540_20150929T223754_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_220150929T234152_20150930T000854_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.

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220150929T005122_20150929T005807_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_220150929T010223_20150929T010507_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_220150929T010630_20150929T010715_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_220150929T010803_20150929T010943_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_220150929T012213_20150929T015457_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_220150929T021320_20150929T023751_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_220150929T025907_20150929T032932_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_220150929T032943_20150929T033412_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_220150929T035155_20150929T042515_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_220150929T043746_20150929T045335_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.

CS_OFFL_SIR_FDM_2_20150929T045639_20150929T051327_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T053231_20150929T054306_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T054631_20150929T060337_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T061732_20150929T063557_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T063800_20150929T065224_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T070920_20150929T071231_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T072622_20150929T073918_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T074041_20150929T074301_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T090323_20150929T091256_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T095131_20150929T101012_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T104237_20150929T105446_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T111248_20150929T114943_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T120631_20150929T123928_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T125058_20150929T125826_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T130146_20150929T131220_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T134545_20150929T140633_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T140919_20150929T142041_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T143042_20150929T143427_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T152429_20150929T155701_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T155710_20150929T160037_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T161845_20150929T164506_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T170436_20150929T171905_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T171935_20150929T172053_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T172534_20150929T173905_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T175402_20150929T180937_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T181221_20150929T182623_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T184325_20150929T185722_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T185901_20150929T191514_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T193251_20150929T195140_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T195331_20150929T200659_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T202319_20150929T204457_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T205151_20150929T205936_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T211040_20150929T211824_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T212042_20150929T213016_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_220150929T213546_20150929T214642_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_2_20150929T220310_20150929T222657_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_2_20150929T223540_20150929T223754_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_2_20150929T225821_20150929T230930_C001	Ocean Retracking Quality Flag	Th Re
CS_OFFL_SIR_FDM_2_20150929T234152_20150930T000854_C001	Ocean Retracking Quality Flag	Th Re

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