

IDEAS+ Daily Report for FDM data:

<u>10/04/2016</u>

1. Overview			
Report Production Date: 13-Apr-2016	Check	Status	
Report Froduction Bate.	10701-2010	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
FIOCESSOI USEU.	Cryosal ice Processor	Product Software Check	Nominal
Data Lloodu	Data Used: L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	Product Format Check	Nominal
Data Useu.		Product Header Analysis	See Section 4.2
		Star Tracker Usage Check	See Section 5.3
		Calibration Usage Check	Nominal
		Auxiliary Data File Usage Check	See Section 5.5 and 6.3
		Auxiliary Correction Error Check	See Section 5.6 and 6.4
		Measurement Confidence Data Check	See Section 5.7, 6.5, 6.6, 6.7 and 6.8
		·	
Mission / Instrument News			
09-Apr-2016 None			
10-Apr-2016 None			
11-Apr-2016 Nothing planne	d		

2. Global Co	verage
Global Coverage - North Pole	Global Coverage - South Pole
	Surface Type Open Ocean Closed Sea Continental Ice Land

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).

Number of products with errors:

4.2 L0 Product Header Analysis

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

0

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: 0

5.3 L1B FDM Star Tracker Usage Check

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

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Number of products with errors: 4			
Product	Test Failed		
CS_OFFL_SIR_FDM_1B_20160410T120304_20160410T120340_C001	No Star Tracker file used in the processing of this product		
CS_OFFL_SIR_FDM_1B_20160410T133724_20160410T133943_C001	No Star Tracker file used in the processing of this product		
CS_OFFL_SIR_FDM_1B_20160410T151602_20160410T151727_C001	No Star Tracker file used in the processing of this product		
CS_OFFL_SIR_FDM_1B_20160410T180358_20160410T183921_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

150

5

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: 150		
Product	AUX File	Comment
All FDM_1B products (150 products)	CS_OPER_AUXIIONGIM_20160410T000000_20 160410T235959_0001	Missing Forecast Auxiliary file at the time of processing

5.6 L1B FDM Auxiliary Correction Error Check

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

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Product	Test Failed	Description
All FDM_1B products (150 products)	GIM Ionospheric Correction	Due to a missing Forecast Auxiliary File there is an error with the lonospheric Correction

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_20160410T120304_20160410T120340_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160410T133724_20160410T133943_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160410T151602_20160410T151727_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160410T180358_20160410T183921_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160410T222241_20160410T222358_C001		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: 0

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: 0

6.3 L2 FDM Auxiliary Data File Usage Check Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 150 Product AUX File Comment All FDM_2 products (150 products) CS_OPER_AUXIIONGIM_20160410T000000_20 160410T235959_0001 Missing Forecast Auxiliary file at the time of processing

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:

150

Test Failed

Wind Speed

GIM Ionospheric Correction

Sea State Bias Correction, Altimetric

Sea State Bias Correction. Altimetric

Sea State Bias Correction, Altimetric

Sea State Bias Correction. Altimetric

Sea State Bias Correction

Description

records

records

records

Ionospheric Correction

Correction for one or more records

Due to a missing Forecast Auxiliary File there is an error with the

There is an error with the Altimetric Wind Speed and Sea State Bias

There is an error with the Altimetric Wind Speed and Sea State Bias

There is an error with the Altimetric Wind Speed and Sea State Bias

There is an error with the Altimetric Wind Speed and Sea State Bias

There is an error with the Altimetric Wind Speed and Sea State Bias

There is an error with the Altimetric Wind Speed and Sea State Bias

There is an error with the Altimetric Wind Speed and Sea State Bias

There is an error with the Sea State Bias Correction for one or more

There is an error with the Altimetric Wind Speed and Sea State Bias

There is an error with the Sea State Bias Correction for one or more

There is an error with the Altimetric Wind Speed and Sea State Bias

There is an error with the Altimetric Wind Speed and Sea State Bias

There is an error with the Altimetric Wind Speed and Sea State Bias

There is an error with the Sea State Bias Correction for one or more

There is an error with the Altimetric Wind Speed and Sea State Bias

There is an error with the Altimetric Wind Speed and Sea State Bias

Product
All FDM_2 products (150 products)
CS_OFFL_SIR_FDM_220160409T235149_20160410T001809_C001
CS_OFFL_SIR_FDM_220160410T005209_20160410T011755_C001
CS_OFFL_SIR_FDM_220160410T013134_20160410T014248_C001
CS_OFFL_SIR_FDM_220160410T022745_20160410T024649_C001
CS_OFFL_SIR_FDM_220160410T031040_20160410T033431_C001
CS_OFFL_SIR_FDM_220160410T042011_20160410T043657_C001
CS_OFFL_SIR_FDM_220160410T045012_20160410T051225_C001
CS_OFFL_SIR_FDM_220160410T054831_20160410T061524_C001
CS_OFFL_SIR_FDM_220160410T063010_20160410T070130_C001
CS_OFFL_SIR_FDM_220160410T071858_20160410T073813_C001
CS_OFFL_SIR_FDM_220160410T073824_20160410T075106_C001
CS_OFFL_SIR_FDM_220160410T080910_20160410T082446_C001
CS_OFFL_SIR_FDM_220160410T082649_20160410T083648_C001
CS_OFFL_SIR_FDM_220160410T085852_20160410T090100_C001
CS_OFFL_SIR_FDM_220160410T090309_20160410T091525_C001
CS_OFFL_SIR_FDM_220160410T094835_20160410T100313_C001
CS_OFFL_SIR_FDM_220160410T105014_20160410T111420_C001
CS_OFFL_SIR_FDM_220160410T112801_20160410T115308_C001
CS_OFFL_SIR_FDM_220160410T120304_20160410T120340_C001
CS_OFFL_SIR_FDM_220160410T120340_20160410T120342_C001
CS_OFFL_SIR_FDM_220160410T122644_20160410T123940_C001
CS_OFFL_SIR_FDM_220160410T124135_20160410T125301_C001
CS_OFFL_SIR_FDM_220160410T130658_20160410T133648_C001
CS_OFFL_SIR_FDM_220160410T135957_20160410T141519_C001
CS_OFFL_SIR_FDM_220160410T145652_20160410T150233_C001
CS_OFFL_SIR_FDM_220160410T153700_20160410T161117_C001
CS_OFFL_SIR_FDM_220160410T162438_20160410T165257_C001
CS_OFFL_SIR_FDM_220160410T171624_20160410T174416_C001
CS_OFFL_SIR_FDM_220160410T174427_20160410T174947_C001
CS_OFFL_SIR_FDM_220160410T185641_20160410T192913_C001
CS_OFFL_SIR_FDM_220160410T203145_20160410T203150_C001
CS_OFFL_SIR_FDM_220160410T203942_20160410T205053_C001
CS_OFFL_SIR_FDM_220160410T205256_20160410T210820_C001
CS_OFFL_SIR_FDM_220160410T212406_20160410T212854_C001
CS_OFFL_SIR_FDM_220160410T214143_20160410T215311_C001
CS_OFFL_SIR_FDM_220160410T230053_20160410T232748_C001

48_C001	Sea State Bias Correction	There is an error with the Sea State records
19_C001	Sea State Bias Correction	There is an error with the Sea State records
33_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Correction for one or more records
17_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Correction for one or more records
57_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Correction for one or more records
16_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Correction for one or more records
47_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Correction for one or more records
13_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Correction for one or more records
50_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Correction for one or more records
53_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Correction for one or more records
20_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Correction for one or more records
54_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Correction for one or more records
11_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Correction for one or more records

Correction for one or more records Sea State Bias Correction, Altimetric 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 Sea State Bias Correction, Altimetric Correction for one or more records Sea State Bias Correction, Altimetric 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 Sea State Bias Correction, Altimetric 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 a State Bias Correction for one or more a State Bias Correction for one or more imetric Wind Speed and Sea State Bias ecords imetric Wind Speed and Sea State Bias

> imetric Wind Speed and Sea State Bias ecords imetric 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

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: 5

Wind Speed

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160410T120304_20160410T120340_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160410T133724_20160410T133943_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160410T151602_20160410T151727_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160410T180358_20160410T183921_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160410T222241_20160410T222358_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo

Sea State Bias Correction, Altimetric

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: 23

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160409T235149_20160410T001809_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_220160410T005209_20160410T011755_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_220160410T022745_20160410T024649_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_220160410T031040_20160410T033431_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_220160410T042011_20160410T043657_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_220160410T063010_20160410T070130_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_220160410T073824_20160410T075106_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_220160410T080910_20160410T082446_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_220160410T082649_20160410T083648_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_220160410T090309_20160410T091525_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_220160410T105014_20160410T111420_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_220160410T112801_20160410T115308_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_220160410T122644_20160410T123940_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_220160410T145652_20160410T150233_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_220160410T153700_20160410T161117_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_220160410T162438_20160410T165257_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_220160410T171624_20160410T174416_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_220160410T185641_20160410T192913_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_220160410T203942_20160410T205053_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_220160410T205256_20160410T210820_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_220160410T212406_20160410T212854_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_220160410T214143_20160410T215311_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_220160410T230053_20160410T232748_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

23

Number of products with errors:

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.

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160409T235149_20160410T001809_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_220160410T005209_20160410T011755_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_220160410T022745_20160410T024649_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_220160410T031040_20160410T033431_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_220160410T042011_20160410T043657_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_220160410T063010_20160410T070130_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_220160410T073824_20160410T075106_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_220160410T080910_20160410T082446_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_220160410T082649_20160410T083648_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_220160410T090309_20160410T091525_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 inonced for these records.

CS_OFFL_SIR_FDM_220160410T105014_20160410T111420_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_220160410T112801_20160410T115308_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_220160410T122644_20160410T123940_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_220160410T145652_20160410T150233_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_220160410T153700_20160410T161117_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_220160410T162438_20160410T165257_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_220160410T171624_20160410T174416_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_220160410T185641_20160410T192913_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_220160410T203942_20160410T205053_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_220160410T205256_20160410T210820_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_220160410T212406_20160410T212854_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_220160410T214143_20160410T215311_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_220160410T230053_20160410T232748_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: 36

Product
CS_OFFL_SIR_FDM_220160409T235149_20160410T001809_C001
CS_OFFL_SIR_FDM_220160410T004131_20160410T004213_C001
CS_OFFL_SIR_FDM_220160410T005209_20160410T011755_C001
CS_OFFL_SIR_FDM_220160410T022745_20160410T024649_C001
CS_OFFL_SIR_FDM_220160410T031040_20160410T033431_C001
CS_OFFL_SIR_FDM_220160410T033440_20160410T034432_C001
CS_OFFL_SIR_FDM_220160410T042011_20160410T043657_C001
CS_OFFL_SIR_FDM_220160410T045012_20160410T051225_C001
CS_OFFL_SIR_FDM_220160410T054831_20160410T061524_C001
CS_OFFL_SIR_FDM_220160410T063010_20160410T070130_C001
CS_OFFL_SIR_FDM_220160410T071858_20160410T073813_C001
CS_OFFL_SIR_FDM_220160410T073824_20160410T075106_C001
CS_OFFL_SIR_FDM_220160410T080910_20160410T082446_C001
CS_OFFL_SIR_FDM_220160410T082649_20160410T083648_C001
CS_OFFL_SIR_FDM_220160410T090309_20160410T091525_C001
CS_OFFL_SIR_FDM_220160410T094835_20160410T100313_C001
CS_OFFL_SIR_FDM_220160410T105014_20160410T111420_C001
CS_OFFL_SIR_FDM_220160410T112801_20160410T115308_C001
CS_OFFL_SIR_FDM_220160410T122644_20160410T123940_C001
CS_OFFL_SIR_FDM_220160410T124135_20160410T125301_C001
CS_OFFL_SIR_FDM_220160410T130658_20160410T133648_C001
CS_OFFL_SIR_FDM_220160410T144533_20160410T145148_C001
CS_OFFL_SIR_FDM_220160410T145652_20160410T150233_C001
CS_OFFL_SIR_FDM_220160410T153700_20160410T161117_C001
CS_OFFL_SIR_FDM_220160410T162438_20160410T165257_C001
CS_OFFL_SIR_FDM_220160410T171624_20160410T174416_C001
CS_OFFL_SIR_FDM_220160410T174427_20160410T174947_C001
CS_OFFL_SIR_FDM_220160410T180358_20160410T183921_C001
CS_OFFL_SIR_FDM_220160410T185641_20160410T192913_C001

Test Failed
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.

Description

CS_OFFL_SIR_FDM_220160410T194730_20160410T195956_C001	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220160410T203942_20160410T205053_C001	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220160410T205256_20160410T210820_C001	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220160410T212406_20160410T212854_C001	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220160410T214143_20160410T215311_C001	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220160410T223214_20160410T224718_C001	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220160410T230053_20160410T232748_C001	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.