

14-May-2016 None

IDEAS+ Daily Report for FDM data:

<u>14/05/2016</u>

eport Production Date:	16-May-2016	Check	Status
Report Production Date.		Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
Frocessor Usea:		Product Software Check	Nominal
	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	Product Format Check	Nominal
Data Used:		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

15-May-2016 Nothing planned	
2. Globa	I Coverage
Global Coverage - North Pole	Global Coverage - South Pole
	Surface Type
V V	Open Ocean
IPT STATES	Closed Sea
	Continental Ice
	Land
IN IL I TRANSPORT	
I I KANZI I MASA	
30 735	

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).

0

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.
Number of products with errors:
9

detected greater than minimum acceptable threshold. detected greater than minimum acceptable threshold. detected greater than minimum acceptable threshold. detected greater than minimum acceptable threshold.
detected greater than minimum acceptable threshold.
detected greater than minimum acceptable threshold.
detected greater than minimum acceptable threshold.
ors

5. Level 1B FDM Data Quality Check

5.1 L1B FDM Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a binary product file (.DBL). Number of products with errors: 0

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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.

4

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20160514T111500_20160514T112004_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160514T125606_20160514T125705_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160514T143540_20160514T143559_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160514T175914_20160514T180104_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.

5

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: 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:

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_20160514T065700_20160514T071155_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_20160514T111500_20160514T112004_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160514T125606_20160514T125705_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160514T143540_20160514T143559_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160514T175914_20160514T180104_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: 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.

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.

39

Number of products with errors:

Number of products with errors:	39
Product	
CS_OFFL_SIR_FDM_220160514T0009	02_20160514T003634_C001
CS_OFFL_SIR_FDM_220160514T0050	038_20160514T012435_C001
CS_OFFL_SIR_FDM_220160514T0149	23_20160514T015044_C001
CS_OFFL_SIR_FDM_220160514T0327	704_20160514T034115_C001
CS_OFFL_SIR_FDM_220160514T0414	159_20160514T044124_C001
CS_OFFL_SIR_FDM_220160514T0503	307_20160514T053014_C001
CS_OFFL_SIR_FDM_220160514T0548	346_20160514T060600_C001
CS_OFFL_SIR_FDM_220160514T0610	041_20160514T061549_C001
CS_OFFL_SIR_FDM_220160514T0615	552_20160514T061818_C001
CS_OFFL_SIR_FDM_220160514T0639	918_20160514T065446_C001
CS_OFFL_SIR_FDM_220160514T0657	700_20160514T071155_C001
CS_OFFL_SIR_FDM_220160514T0727	757_20160514T074229_C001
CS_OFFL_SIR_FDM_220160514T0822	214_20160514T082852_C001
CS_OFFL_SIR_FDM_220160514T0907	727_20160514T093136_C001
CS_OFFL_SIR_FDM_220160514T1005	546_20160514T103212_C001
CS_OFFL_SIR_FDM_220160514T1046	656_20160514T104900_C001
CS_OFFL_SIR_FDM_220160514T1144	445_20160514T115441_C001
CS_OFFL_SIR_FDM_220160514T1200	019_20160514T121101_C001
CS_OFFL_SIR_FDM_220160514T1225	524_20160514T125402_C001
CS_OFFL_SIR_FDM_220160514T1301	141_20160514T130323_C001
CS_OFFL_SIR_FDM_220160514T1316	019_20160514T135001_C001
CS_OFFL_SIR_FDM_220160514T1404	39_20160514T140708_C001
CS_OFFL_SIR_FDM_220160514T1439	946_20160514T144344_C001
CS_OFFL_SIR_FDM_220160514T1455	535_20160514T150449_C001
CS_OFFL_SIR_FDM_220160514T1557	752_20160514T161026_C001
CS_OFFL_SIR_FDM_220160514T1634	446_20160514T170807_C001
CS_OFFL_SIR_FDM_220160514T1726	645_20160514T175736_C001
CS_OFFL_SIR_FDM_220160514T1815	552_20160514T182530_C001
CS_OFFL_SIR_FDM_220160514T1826	624_20160514T184730_C001
CS_OFFL_SIR_FDM_220160514T1920	039_20160514T193319_C001
CS_OFFL_SIR_FDM_220160514T1949	937_20160514T201030_C001
CS_OFFL_SIR_FDM_220160514T2012	210_20160514T202624_C001
CS_OFFL_SIR_FDM_220160514T2042	224_20160514T204528_C001
CS_OFFL_SIR_FDM_220160514T2045	535_20160514T210134_C001
CS_OFFL_SIR_FDM_220160514T2101	137_20160514T210416_C001
CS_OFFL_SIR_FDM_220160514T2142	208_20160514T220520_C001
CS_OFFL_SIR_FDM_220160514T2218	951_20160514T224722_C001
CS_OFFL_SIR_FDM_220160514T2308	920_20160514T231055_C001
CS_OFFL_SIR_FDM_220160514T2319	025_20160514T234521_C001

	T 4 T - 11 - 1	Description
_	Test Failed Sea State Bias Correction, Altimetric	Description There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed	Correction for one or more records
:	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
1	Wind Speed	Correction for one or more records
:	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
:	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
1	Wind Speed	Correction for one or more records
:	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
:	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
1	Wind Speed	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
	Wind Speed Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
1	Wind Speed	Correction for one or more records
	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
	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
1	Wind Speed	Correction for one or more records
	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
	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
1	Wind Speed	Correction for one or more records
	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
	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
1	Wind Speed	Correction for one or more records
	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
	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed	Correction for one or more records
	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
	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
1	Wind Speed	Correction for one or more records
	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
	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed	Correction for one or more records
	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
	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed	Correction for one or more records
	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
:	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
1	Wind Speed	Correction for one or more records
:	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
	Wind Speed	Correction for one or more records There is an error with the Sea State Bias Correction for one or more
:	Sea State Bias Correction	records
	Sea State Bias Correction, Altimetric	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
	Wind Speed	Correction for one or more records
	Sea State Bias Correction, Altimetric	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
1	Wind Speed	Correction for one or more records
	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
	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
1	Wind Speed	Correction for one or more records
	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
	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
1	Wind Speed	Correction for one or more records
	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
	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more
		records
	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
:	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
ľ	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:
 5

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160514T065700_20160514T071155_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220160514T111500_20160514T112004_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160514T125606_20160514T125705_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160514T143540_20160514T143559_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160514T175914_20160514T180104_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:
 26

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160514T000902_20160514T003634_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_220160514T005038_20160514T012435_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_220160514T032704_20160514T034115_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_220160514T050307_20160514T053014_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_220160514T054846_20160514T060600_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_220160514T061041_20160514T061549_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_220160514T065700_20160514T071155_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_220160514T072757_20160514T074229_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_220160514T082214_20160514T082852_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_220160514T090727_20160514T093136_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_220160514T100546_20160514T103212_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_220160514T122524_20160514T125402_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_220160514T130141_20160514T130323_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_220160514T131619_20160514T135001_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_220160514T143946_20160514T144344_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_220160514T145535_20160514T150449_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_220160514T163446_20160514T170807_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_220160514T181552_20160514T182530_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_220160514T182624_20160514T184730_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_220160514T192039_20160514T193319_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_220160514T194937_20160514T201030_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_220160514T204535_20160514T210134_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_220160514T210137_20160514T210416_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_220160514T214208_20160514T220520_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_220160514T230920_20160514T231055_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_220160514T231925_20160514T234521_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

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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	i products	with errors:	
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Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160514T000902_20160514T003634_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_220160514T005038_20160514T012435_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_220160514T032704_20160514T034115_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_220160514T050307_20160514T053014_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_220160514T054846_20160514T060600_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_220160514T061041_20160514T061549_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_220160514T065700_20160514T071155_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_220160514T072757_20160514T074229_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_220160514T082214_20160514T082852_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_220160514T090727_20160514T093136_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_220160514T100546_20160514T103212_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_220160514T122524_20160514T125402_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_220160514T130141_20160514T130323_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_220160514T131619_20160514T135001_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_220160514T143946_20160514T144344_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_220160514T145535_20160514T150449_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_220160514T163446_20160514T170807_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_220160514T181552_20160514T182530_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_220160514T182624_20160514T184730_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_220160514T192039_20160514T193319_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_220160514T194937_20160514T201030_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_220160514T204535_20160514T210134_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_220160514T210137_20160514T210416_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_220160514T214208_20160514T220520_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_220160514T230920_20160514T231055_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_220160514T231925_20160514T234521_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. 43 Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160514T000902_20160514T003634_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_220160514T005038_20160514T012435_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_220160514T013736_20160514T013909_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_220160514T014923_20160514T015044_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_220160514T025427_20160514T030317_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_220160514T031613_20160514T031939_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_220160514T032704_20160514T034115_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_220160514T040912_20160514T041456_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_220160514T041459_20160514T044124_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_220160514T050307_20160514T053014_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_220160514T054846_20160514T060600_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_220160514T061041_20160514T061549_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_220160514T061552_20160514T061818_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_220160514T065700_20160514T071155_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_220160514T072757_20160514T074229_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_220160514T074408_20160514T080014_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__20160514T082214_20160514T082852_C001 CS OFFL SIR FDM 2 20160514T082936 20160514T083215 C001 CS_OFFL_SIR_FDM_2__20160514T083829_20160514T085308_C001 CS_OFFL_SIR_FDM_2__20160514T090727_20160514T093136_C001 CS OFFL SIR FDM 2 20160514T100546 20160514T103212 C001 CS_OFFL_SIR_FDM_2__20160514T122524_20160514T125402_C001 CS_OFFL_SIR_FDM_2__20160514T130141_20160514T130323_C001 CS OFFL SIR FDM 2 20160514T131619 20160514T135001 C001 CS_OFFL_SIR_FDM_2__20160514T141244_20160514T141639_C001 CS_OFFL_SIR_FDM_2__20160514T143946_20160514T144344_C001 CS OFFL SIR FDM 2 20160514T145535 20160514T150449 C001 CS_OFFL_SIR_FDM_2__20160514T150735_20160514T152927_C001 CS OFFL SIR FDM 2 20160514T155752 20160514T161026 C001 CS_OFFL_SIR_FDM_2__20160514T163446_20160514T170807_C001 CS_OFFL_SIR_FDM_2__20160514T172645_20160514T175736_C001 CS OFFL SIR FDM 2 20160514T181552 20160514T182530 C001 CS_OFFL_SIR_FDM_2__20160514T182624_20160514T184730_C001 CS_OFFL_SIR_FDM_2__20160514T190424_20160514T191420_C001 CS_OFFL_SIR_EDM_2__20160514T192039_20160514T193319_C001 CS_OFFL_SIR_FDM_2__20160514T194937_20160514T201030_C001 CS_OFFL_SIR_FDM_2__20160514T204535_20160514T210134_C001 CS OFFL SIR FDM 2 20160514T210137 20160514T210416 C001 CS OFFL SIR FDM 2 20160514T210612 20160514T211401 C001 CS OFFL SIR FDM 2 20160514T214208 20160514T220520 C001 CS OFFL SIR FDM 2 20160514T221951 20160514T224722 C001 CS OFFL SIR FDM 2 20160514T230920 20160514T231055 C001 CS_OFFL_SIR_FDM_2__20160514T231925_20160514T234521_C001

Ocean Retracking Quality Flag 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.