

30-May-2016 None

IDEAS+ Daily Report for FDM data:

30/05/2016

Report Production Date:	31-May-2016	Check	Status
		Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CrucSat las Prossessar	Server check: calval-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Product Software Check	Nominal
Data Used:	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	Product Format Check	Nominal
		Product Header Analysis	See Section 4.2
		Star Tracker Usage Check	See Section 5.3
		Calibration Usage Check	Nominal
		Auxiliary Data File Usage Check	Nominal
		Auxiliary Correction Error Check	See Section 6.4
		Measurement Confidence Data Check	See Section 5.7, 6.5, 6.6, 6.7 and 6.8

31-May-2016 Nothing planned	
2. Glol	oal Coverage
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 & 2

4. Level 0 Data Quality Check

4.1 L0 Product Format Check

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

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: 5

Product	Test Failed
CS_OPER_SIR1SAR_020160530T160506_20160530T161256_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160530T110205_20160530T111210_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160530T134338_20160530T134517_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160530T222844_20160530T223904_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160530T101741_20160530T101850_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.

5. Level 1B FDM Data Quality Check

5.1 L1B FDM Product Format Check

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

5.2 L1B FDM Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors: 0

5.3 L1B FDM Star Tracker Usage Check

Each product is checked in order to ansure a valid star tracker file h

Each product is checked in order to ensure a valid star tracker file has been used in processing.			
Number of products with errors: 4			
Product	Test Failed		
CS_OFFL_SIR_FDM_1B_20160530T105259_20160530T105946_C001	No Star Tracker file used in the processing of this product		
CS_OFFL_SIR_FDM_1B_20160530T123615_20160530T123717_C001	No Star Tracker file used in the processing of this product		
CS_OFFL_SIR_FDM_1B_20160530T141520_20160530T141647_C001	No Star Tracker file used in the processing of this product		

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

6

5.5 L1B FDM Auxilary Data File Usage Check

CS_OFFL_SIR_FDM_1B_20160530T155535_20160530T155836_C001

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_20160530T011913_20160530T011947_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_20160530T105259_20160530T105946_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160530T123615_20160530T123717_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160530T141520_20160530T141647_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160530T155535_20160530T155836_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160530T204825_20160530T205522_C001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

6. Level 2 FDM Data Quality Check

6.1 L2 FDM Product Format Check

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

Number of products with errors:

6.2 L2 FDM Product Header Analysis

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

Number of products with errors:

Product
CS_OFFL_SIR_FDM_220160529T234834_20160530T000808_C001
CS_OFFL_SIR_FDM_220160530T003051_20160530T010423_C001
CS_OFFL_SIR_FDM_220160530T021033_20160530T023211_C001
CS_OFFL_SIR_FDM_220160530T023457_20160530T024423_C001
CS_OFFL_SIR_FDM_220160530T024553_20160530T024636_C001
CS_OFFL_SIR_FDM_220160530T030421_20160530T030430_C001
CS_OFFL_SIR_FDM_220160530T030829_20160530T032105_C001
CS_OFFL_SIR_FDM_220160530T032252_20160530T033347_C001
CS_OFFL_SIR_FDM_220160530T034958_20160530T042259_C001
CS_OFFL_SIR_FDM_220160530T043908_20160530T044603_C001
CS_OFFL_SIR_FDM_220160530T044621_20160530T051035_C001
CS_OFFL_SIR_FDM_220160530T052905_20160530T055740_C001
CS_OFFL_SIR_FDM_220160530T061925_20160530T063513_C001
CS_OFFL_SIR_FDM_220160530T064132_20160530T064658_C001
CS_OFFL_SIR_FDM_220160530T064820_20160530T065233_C001
CS_OFFL_SIR_FDM_220160530T072437_20160530T072719_C001
CS_OFFL_SIR_FDM_220160530T081002_20160530T083339_C001
CS_OFFL_SIR_FDM_220160530T084759_20160530T091137_C001
CS_OFFL_SIR_FDM_220160530T102718_20160530T105228_C001
CS_OFFL_SIR_FDM_220160530T112014_20160530T113507_C001
CS_OFFL_SIR_FDM_220160530T114041_20160530T115144_C001
CS_OFFL_SIR_FDM_220160530T123016_20160530T123150_C001
CS_OFFL_SIR_FDM_220160530T124302_20160530T124352_C001
CS_OFFL_SIR_FDM_220160530T125638_20160530T133018_C001
CS_OFFL_SIR_FDM_220160530T134517_20160530T134708_C001
CS_OFFL_SIR_FDM_220160530T135337_20160530T140817_C001
CS_OFFL_SIR_FDM_220160530T143632_20160530T144518_C001
CS_OFFL_SIR_FDM_220160530T144803_20160530T150928_C001
CS_OFFL_SIR_FDM_220160530T152453_20160530T155055_C001
CS_OFFL_SIR_FDM_220160530T155535_20160530T155836_C001
CS_OFFL_SIR_FDM_220160530T160011_20160530T160015_C001
CS_OFFL_SIR_FDM_220160530T161652_20160530T164844_C001
CS_OFFL_SIR_FDM_220160530T170712_20160530T171941_C001
CS_OFFL_SIR_FDM_220160530T172023_20160530T173726_C001
CS_OFFL_SIR_FDM_220160530T175908_20160530T181037_C001
CS_OFFL_SIR_FDM_220160530T181241_20160530T182738_C001
CS_OFFL_SIR_FDM_220160530T184406_20160530T185627_C001
CS_OFFL_SIR_FDM_220160530T190108_20160530T191258_C001
CS_OFFL_SIR_FDM_220160530T195203_20160530T200649_C001
CS_OFFL_SIR_FDM_220160530T202117_20160530T204738_C001
CS_OFFL_SIR_FDM_220160530T212139_20160530T214551_C001
CS_OFFL_SIR_FDM_220160530T221723_20160530T222842_C001
CS_OFFL_SIR_FDM_220160530T230014_20160530T232605_C001
CS_OFFL_SIR_FDM_220160530T234006_20160530T235101_C001

Test Failed Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction. Altimetric Wind Speed Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction. Altimetric Wind Speed Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric Wind Speed

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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:
6

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160530T011913_20160530T011947_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220160530T105259_20160530T105946_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160530T123615_20160530T123717_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160530T141520_20160530T141647_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160530T155535_20160530T155836_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160530T204825_20160530T205522_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo

6.6 L2 FDM Range Measurement Check

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

Number of products with errors: 31		
Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160529T234834_20160530T000808_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_220160530T003051_20160530T010423_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_220160530T023457_20160530T024423_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_220160530T024553_20160530T024636_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_220160530T030421_20160530T030430_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_220160530T034958_20160530T042259_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_220160530T044621_20160530T051035_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. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220160530T052905_20160530T055740_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220160530T061925_20160530T063513_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220160530T064132_20160530T064658_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220160530T064820_20160530T065233_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220160530T072437_20160530T072719_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220160530T084759_20160530T091137_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220160530T102718_20160530T105228_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220160530T112014_20160530T113507_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220160530T114041_20160530T115144_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220160530T123016_20160530T123150_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. 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
CS_OFFL_SIR_FDM_2_20160530T125638_20160530T133018_C001	CFI Retracked Range Flag CFI Retracked Range Flag	ignored for these records. 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
CS_OFFL_SIR_FDM_2_20160530T135337_20160530T140817_C001	CFI Retracked Range Flag	ignored for these records. 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
CS_OFFL_SIR_FDM_220160530T144803_20160530T150928_C001	CFI Retracked Range Flag	ignored for these records. 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
CS_OFFL_SIR_FDM_220160530T152453_20160530T155055_C001	CFI Retracked Range Flag	ignored for these records. 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
CS_OFFL_SIR_FDM_220160530T161652_20160530T164844_C001	CFI Retracked Range Flag	ignored for these records. 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
CS_OFFL_SIR_FDM_220160530T172023_20160530T173726_C001	CFI Retracked Range Flag	ignored for these records. 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
CS_OFFL_SIR_FDM_220160530T175908_20160530T181037_C001	CFI Retracked Range Flag	ignored for these records. 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 incored for these records.
CS_OFFL_SIR_FDM_220160530T181241_20160530T182738_C001	CFI Retracked Range Flag	ignored for these records. 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_220160530T184406_20160530T185627_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_220160530T190108_20160530T191258_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_220160530T212139_20160530T214551_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_220160530T221723_20160530T222842_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_220160530T230014_20160530T232605_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 products with errors:

Product	Test Failed	Description
S_OFFL_SIR_FDM_220160529T234834_20160530T000808_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.
S_OFFL_SIR_FDM_220160530T003051_20160530T010423_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.
S_OFFL_SIR_FDM_220160530T023457_20160530T024423_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.
S_OFFL_SIR_FDM_220160530T024553_20160530T024636_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.
S_OFFL_SIR_FDM_220160530T030421_20160530T030430_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.
S_OFFL_SIR_FDM_220160530T034958_20160530T042259_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.
S_OFFL_SIR_FDM_220160530T044621_20160530T051035_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.
S_OFFL_SIR_FDM_220160530T052905_20160530T055740_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.
S_OFFL_SIR_FDM_220160530T061925_20160530T063513_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.
S_OFFL_SIR_FDM_220160530T064132_20160530T064658_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.
S_OFFL_SIR_FDM_220160530T064820_20160530T065233_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.
S_OFFL_SIR_FDM_220160530T072437_20160530T072719_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.
S_OFFL_SIR_FDM_220160530T084759_20160530T091137_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.
S_OFFL_SIR_FDM_220160530T102718_20160530T105228_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.
S_OFFL_SIR_FDM_220160530T112014_20160530T113507_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.
S_OFFL_SIR_FDM_220160530T114041_20160530T115144_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.
S_OFFL_SIR_FDM_220160530T123016_20160530T123150_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.
S_OFFL_SIR_FDM_220160530T124302_20160530T124352_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.
S_OFFL_SIR_FDM_220160530T125638_20160530T133018_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.
S_OFFL_SIR_FDM_220160530T135337_20160530T140817_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.
S_OFFL_SIR_FDM_220160530T144803_20160530T150928_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.
S_OFFL_SIR_FDM_220160530T152453_20160530T155055_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.
S_OFFL_SIR_FDM_220160530T161652_20160530T164844_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.
S_OFFL_SIR_FDM_220160530T172023_20160530T173726_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.
S_OFFL_SIR_FDM_220160530T175908_20160530T181037_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.
S_OFFL_SIR_FDM_220160530T181241_20160530T182738_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.
S_OFFL_SIR_FDM_220160530T184406_20160530T185627_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.
S_OFFL_SIR_FDM_220160530T190108_20160530T191258_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.
S_OFFL_SIR_FDM_220160530T212139_20160530T214551_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.
S_OFFL_SIR_FDM_220160530T221723_20160530T222842_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.
S_OFFL_SIR_FDM_220160530T230014_20160530T232605_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.

44

Number of products with errors:

Product
CS_OFFL_SIR_FDM_220160529T234834_20160530T000808_C001
CS_OFFL_SIR_FDM_220160530T003051_20160530T010423_C001
CS_OFFL_SIR_FDM_220160530T021033_20160530T023211_C001
CS_OFFL_SIR_FDM_220160530T023457_20160530T024423_C001
CS_OFFL_SIR_FDM_220160530T024553_20160530T024636_C001
CS_OFFL_SIR_FDM_220160530T030421_20160530T030430_C001
CS_OFFL_SIR_FDM_220160530T030759_20160530T030827_C001
CS_OFFL_SIR_FDM_220160530T030829_20160530T032105_C001
CS_OFFL_SIR_FDM_220160530T034958_20160530T042259_C001
CS_OFFL_SIR_FDM_220160530T043908_20160530T044603_C001
CS_OFFL_SIR_FDM_220160530T044621_20160530T051035_C001
CS_OFFL_SIR_FDM_220160530T052905_20160530T055740_C001
CS_OFFL_SIR_FDM_220160530T061925_20160530T063513_C001
CS_OFFL_SIR_FDM_220160530T064132_20160530T064658_C001
CS_OFFL_SIR_FDM_220160530T064820_20160530T065233_C001
CS_OFFL_SIR_FDM_220160530T072437_20160530T072719_C001
CS_OFFL_SIR_FDM_220160530T080129_20160530T080719_C001
CS_OFFL_SIR_FDM_220160530T081002_20160530T083339_C001
CS_OFFL_SIR_FDM_220160530T084759_20160530T091137_C001
CS_OFFL_SIR_FDM_220160530T102718_20160530T105228_C001
CS_OFFL_SIR_FDM_220160530T112014_20160530T113507_C001
CS_OFFL_SIR_FDM_220160530T114041_20160530T115144_C001
CS_OFFL_SIR_FDM_220160530T120532_20160530T121211_C001
CS_OFFL_SIR_FDM_220160530T121350_20160530T122910_C001
CS_OFFL_SIR_FDM_220160530T123016_20160530T123150_C001
CS_OFFL_SIR_FDM_220160530T124302_20160530T124352_C001
CS_OFFL_SIR_FDM_220160530T125638_20160530T133018_C001
CS_OFFL_SIR_FDM_220160530T135337_20160530T140817_C001
CS_OFFL_SIR_FDM_220160530T143632_20160530T144518_C001
CS_OFFL_SIR_FDM_220160530T144803_20160530T150928_C001
CS_OFFL_SIR_FDM_220160530T152453_20160530T155055_C001
CS_OFFL_SIR_FDM_220160530T160011_20160530T160015_C001
CS_OFFL_SIR_FDM_220160530T161652_20160530T164844_C001
CS_OFFL_SIR_FDM_220160530T170712_20160530T171941_C001
CS_OFFL_SIR_FDM_220160530T172023_20160530T173726_C001
CS_OFFL_SIR_FDM_220160530T175908_20160530T181037_C001
CS_OFFL_SIR_FDM_220160530T181241_20160530T182738_C001
CS_OFFL_SIR_FDM_220160530T184406_20160530T185627_C001
CS_OFFL_SIR_FDM_220160530T190108_20160530T191258_C001
CS_OFFL_SIR_FDM_220160530T195203_20160530T200649_C001
CS_OFFL_SIR_FDM_220160530T202117_20160530T204738_C001
CS_OFFL_SIR_FDM_220160530T212139_20160530T214551_C001
CS_OFFL_SIR_FDM_220160530T221723_20160530T222842_C001
CS_OFFL_SIR_FDM_220160530T230014_20160530T232605_C001

Test Failed Ocean Retracking Quality Flag Ocean Retracking Quality Flag

Description 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. 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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. 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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.