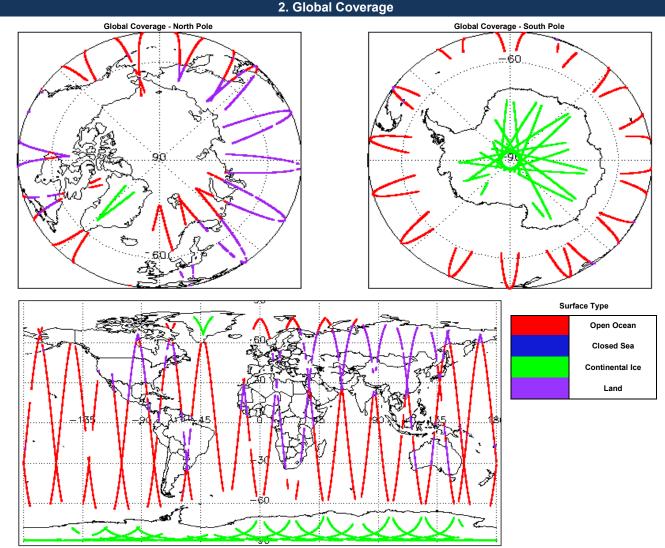


IDEAS+ Daily Report for FDM data:

<u>09/09/2016</u>

1. Overview			
Demant Dreduction Deter	12 Can 2016	Check	Status
Report Production Date:	12-Sep-2016	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
Processor Usea:		Product Software Check	Nominal
Dete Heads	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

Mission / Inst	Mission / Instrument News		
08-Sep-2016			
09-Sep-2016	None		
10-Sep-2016	Nothing planned		



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_020160909T163623_20160909T163815_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.	
CS_OPER_SIR1SAR_020160909T193243_20160909T193648_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.	
CS_OPER_SIR1SIN_020160909T025206_20160909T025521_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.	
CS_OPER_SIR2SIN_020160909T155534_20160909T155911_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.	
CS_OPER_SIR2SIN_020160909T170607_20160909T171148_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.	

5. Level 1B FDM Data Quality Check

5.1 L1B FDM Product Format Check

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

5.2 L1B FDM Product Header Analysis

For all products, a series of pre-defined checks are carried out on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors: 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. 5

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20160909T035447_20160909T040152_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160909T053419_20160909T053732_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160909T071352_20160909T071441_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160909T085318_20160909T085346_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160909T121638_20160909T121925_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.

0

0

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. 0

Number of products with errors:

5.6 L1B FDM Auxiliary Correction Error Check

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

Number of products with errors:

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: 5

Product	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20160909T035447_20160909T040152_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160909T053419_20160909T053732_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160909T071352_20160909T071441_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160909T085318_20160909T085346_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160909T121638_20160909T121925_C001	Attitude correction missing	The attitude has not been corrected

6. Level 2 FDM Data Quality Check

6.1 L2 FDM Product Format Check

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

6.2 L2 FDM Product Header Analysis

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

6.3 L2 FDM Auxiliary Data File Usage Check

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

Number of products with errors:

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.

48

0

Product	_20160909T000714_20160909T002342_C001
	_20160909T002823_20160909T003528_C001
	_20160909T005654_20160909T011227_C001
	_20160909T011845_20160909T012922_C001
	_20160909T014619_20160909T020010_C001
	_20160909T020149_20160909T021727_C001
	_20160909T023530_20160909T023723_C001
	_20160909T023330_20160909T023723_C001
	_20160909T032610_20160909T034840_C001
	_20160909T040152_20160909T040230_C001
	_20160909T041331_20160909T042519_C001
	_20160909T050549_20160909T053312_C001
	_20160909T053732_20160909T054048_C001
	_20160909T060227_20160909T061222_C001
	_20160909T064439_20160909T071030_C001
	_20160909T072009_20160909T072225_C001
	_20160909T085718_20160909T090124_C001
	_20160909T091141_20160909T092230_C001
	_20160909T100409_20160909T101346_C001
	_20160909T101534_20160909T102809_C001
	_20160909T105021_20160909T112456_C001
	_20160909T114425_20160909T121501_C001
	_20160909T122849_20160909T124812_C001
	_20160909T124950_20160909T130435_C001
	_20160909T133820_20160909T135418_C001
	_20160909T135719_20160909T135812_C001
	_20160909T140727_20160909T142344_C001
	_20160909T142529_20160909T142811_C001
CS_OFFL_SIR_FDM_2_	
	_20160909T152245_20160909T153458_C001
	_20160909T155952_20160909T162134_C001
	_20160909T163815_20160909T170607_C001
	_20160909T172445_20160909T172706_C001
	_20160909T173643_20160909T180126_C001
	_20160909T181744_20160909T182810_C001
	_20160909T183347_20160909T185108_C001
	_20160909T190310_20160909T191022_C001
	_20160909T191338_20160909T191849_C001 _20160909T193648_20160909T194031_C001
	_20160909T195816_20160909T203035_C001
	_20160909T203238_20160909T203313_C001
	_20160909T204212_20160909T204227_C001
	_20160909T204243_20160909T204435_C001
	_20160909T205823_20160909T211850_C001
	_20160909T213635_20160909T221157_C001
	_20160909T222149_20160909T222354_C001
	_20160909T223409_20160909T225659_C001
US_UFFL_SIK_FDM_2_	_20160909T231614_20160909T235156_C001

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

	Description
etric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias
etric	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
	There is an error with the Sea State Bias Correction for one or more records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias
etric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
etric	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
etric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
etric	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
etric	records There is an error with the Altimetric Wind Speed and Sea State Bias
	Correction for one or more records
etric	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
etric	There is an error with the Altimetric Wind Speed and Sea State Bias
etric	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 There is an error with the Sea State Bias Correction for one or more
	records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias
etric	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 There is an error with the Sea State Bias Correction for one or more
tric	records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
etric	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
tric	records There is an error with the Altimetric Wind Speed and Sea State Bias
etric	Correction for one or more records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias
etric	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 There is an error with the Altimetric Wind Speed and Sea State Bias
etric	Correction for one or more records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
tric	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
tric	records 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
etric	Correction for one or more records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
etric	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
tric	records 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
etric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
etric	There is an error with the Altimetric Wind Speed and Sea State Bias
tric	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 There is an error with the Sea State Bias Correction for one or more
tric	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

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160909T035447_20160909T040152_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160909T053419_20160909T053732_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160909T071352_20160909T071441_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160909T085318_20160909T085346_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160909T121638_20160909T121925_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:
 31

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160909T000714_20160909T002342_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_220160909T002823_20160909T003528_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_220160909T005654_20160909T011227_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_220160909T014619_20160909T020010_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_220160909T020149_20160909T021727_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_220160909T023530_20160909T023723_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_220160909T023845_20160909T024554_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_220160909T032610_20160909T034840_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_220160909T040152_20160909T040230_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_220160909T041331_20160909T042519_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_220160909T053732_20160909T054048_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_220160909T072009_20160909T072225_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_220160909T100409_20160909T101346_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_220160909T101534_20160909T102809_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_220160909T105021_20160909T112456_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_220160909T122849_20160909T124812_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_220160909T124950_20160909T130435_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_220160909T133820_20160909T135418_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_220160909T142529_20160909T142811_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_220160909T152245_20160909T153458_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_220160909T163815_20160909T170607_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220160909T172445_20160909T172706_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_220160909T173643_20160909T180126_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_220160909T181744_20160909T182810_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220160909T190310_20160909T191022_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_220160909T191338_20160909T191849_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_220160909T204212_20160909T204227_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_220160909T205823_20160909T211850_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_220160909T213635_20160909T221157_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_220160909T222149_20160909T222354_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.

6.7 L2 FDM SWH and Backscatter Measurement Check

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

Product	Test Failed	Description
S_OFFL_SIR_FDM_220160909T000714_20160909T002342_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_220160909T002823_20160909T003528_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_220160909T005654_20160909T011227_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_220160909T014619_20160909T020010_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_220160909T020149_20160909T021727_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_220160909T023530_20160909T023723_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_220160909T023845_20160909T024554_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_220160909T032610_20160909T034840_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_220160909T040152_20160909T040230_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_220160909T041331_20160909T042519_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_220160909T053732_20160909T054048_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_220160909T072009_20160909T072225_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T100409_20160909T101346_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T101534_20160909T102809_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T105021_20160909T112456_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T122849_20160909T124812_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T124950_20160909T130435_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T133820_20160909T135418_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T142529_20160909T142811_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T152245_20160909T153458_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T163815_20160909T170607_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T172445_20160909T172706_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T173643_20160909T180126_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T181744_20160909T182810_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T190310_20160909T191022_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T191338_20160909T191849_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T204212_20160909T204227_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T205823_20160909T211850_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T213635_20160909T221157_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T222149_20160909T222354_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 b ignored for these records.
S_OFFL_SIR_FDM_220160909T231614_20160909T235156_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 b ignored for these records.

6.8 L2 FDM Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag (field 66) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set

Product	Test Failed
CS_OFFL_SIR_FDM_220160909T000714_20160909T002342	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T002823_20160909T003528	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T005654_20160909T011227	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T011845_20160909T012922	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T014619_20160909T020010	
CS_OFFL_SIR_FDM_220160909T020149_20160909T021727	
CS OFFL SIR FDM 2 20160909T023530 20160909T023723	
CS_OFFL_SIR_FDM_220160909T023845_20160909T024554	
CS_OFFL_SIR_FDM_220160909T024717_20160909T025139	
CS_OFFL_SIR_FDM_220160909T025521_20160909T030947	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T032610_20160909T034840	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T040152_20160909T040230	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T041331_20160909T042519	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T050549_20160909T053312	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T053732_20160909T054048	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T060227_20160909T061222	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T064439_20160909T071030	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T072009_20160909T072225	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T085718_20160909T090124	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T091141_20160909T092230	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T092516_20160909T094635	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T100409_20160909T101346	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T101534_20160909T102809	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T105021_20160909T112456	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T114425_20160909T121501	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T122849_20160909T124812	
CS_OFFL_SIR_FDM_220160909T124950_20160909T130435	
CS_OFFL_SIR_FDM_220160909T133820_20160909T135418	
CS_OFFL_SIR_FDM_220160909T140727_20160909T142344	
CS OFFL SIR FDM 2 20160909T142529 20160909T142811	
CS OFFL SIR FDM 2 20160909T145934 20160909T152157	
CS_OFFL_SIR_FDM_220160909T152245_20160909T153458	
CS_OFFL_SIR_FDM_220160909T155952_20160909T162134	
CS_OFFL_SIR_FDM_220160909T163815_20160909T170607	
CS_OFFL_SIR_FDM_220160909T172445_20160909T172706	
CS_OFFL_SIR_FDM_220160909T173643_20160909T180126	
CS_OFFL_SIR_FDM_220160909T181744_20160909T182810	
CS_OFFL_SIR_FDM_220160909T183347_20160909T185108	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T190310_20160909T191022	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T191338_20160909T191849	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T195816_20160909T203035	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T203238_20160909T203313	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T204212_20160909T204227	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T204243_20160909T204435	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T205823_20160909T211850	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T213635_20160909T221157	_C001 Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160909T222149_20160909T222354	_C001 Ocean Retracking Quality Flag

CS OFFL SIR FDM 2 20160909T223409 20160909T225659 C001

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 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