

# IDEAS+ Daily Report for FDM data:

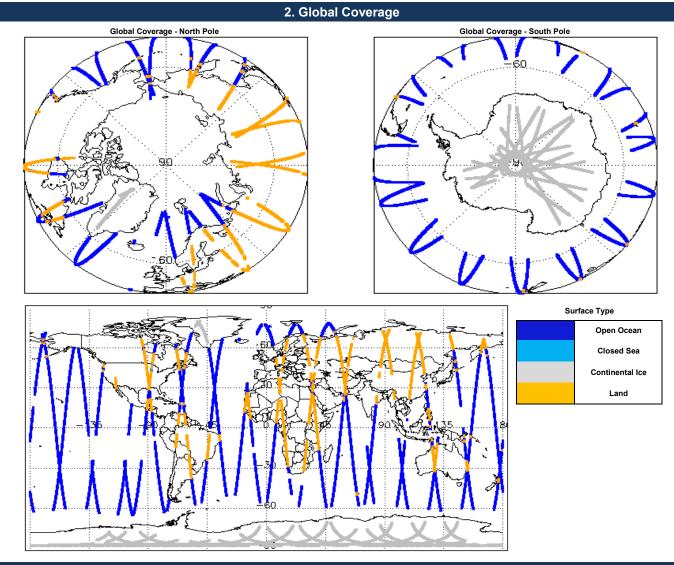
# <u>15/08/2015</u>



# 1. Overview

Report Production Date:	17 Aug 2015	Check	Status
	17-Aug-2015	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ice Processor	Server check: calval-pds.cryosat.esa.int	Nominal
		Product Software Check	Nominal
Data Used: L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	L1 and L2 Fast Delivery Marine (FDM)	Product Format Check	Nominal
	Mode and L0 Data	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 5.6, 6.6, 6.7 and 6.8

MISSION / INSTRUMENT NEWS		
14-Aug-2015	None	
15-Aug-2015	None	
16-Aug-2015	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

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: 1				
Product	uct Test Failed			
CS_OPER_SIR1SAR_020150815T175624_20150815T180638_0001	Percentage of processing errors	s detected greater than minimum acceptable threshold.		
5. Level	1B FDM Data Quality C	heck		
5.1 L1B FDM Product Format Check				
Each product, retrieved and unpacked from the science server, is checked to ensur	e 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 SP	H in order to identify any inconsistencies a	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.			
Number of products with errors: 3	,			
Product	Test Failed			
CS_OFFL_SIR_FDM_1B_20150815T010619_20150815T010953_C001	No Star Tracker file used in the	processing of this product		
CS_OFFL_SIR_FDM_1B_20150815T024613_20150815T024711_C001	No Star Tracker file used in the	processing of this product		
CS_OFFL_SIR_FDM_1B_20150815T042525_20150815T042627_C001	No Star Tracker file used in the	processing of this product		
5.4 L1B FDM Calibration Usage Check				
	e weed in proceeding			
Each product is checked in order to ensure the necessary calibration files have bee Number of products with errors: 0	n used in processing.			
5.5 L1B FDM Auxilary Data File Usage Check				
Each product is checked for missing Data Set Descriptors with respect to a pre-dete	ermined baseline and also to check the va	alidity 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 re	ecord. The bit value of this flag indicates a	any problems when set.		
Number of products with errors: 0	-			
5.7 L1B FDM Measurement Confidence Data Check				
CryoSat L1B data includes a measurement confidence flag (field 18) for each meas Number of products with errors: 5	urement record. The bit value of this flag	indicates any problems when set.		
Product CS_OFFL_SIR_FDM_1B_20150815T010619_20150815T010953_C001	Test Failed Attitude correction missing	Description The attitude has not been corrected		
	-			
CS_OFFL_SIR_FDM_1B_20150815T024613_20150815T024711_C001	Attitude correction missing	The attitude has not been corrected The tracking echo has returned an error and the Rx1 Echo Error flag is set,		
CS_OFFL_SIR_FDM_1B_20150815T024804_20150815T024941_C001	Echo error, TRK echo error	indicating a degraded echo		
CS_OFFL_SIR_FDM_1B_20150815T042525_20150815T042627_C001	Attitude correction missing	The attitude has not been corrected		
CS_OFFL_SIR_FDM_1B_20150815T104757_20150815T110731_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 Laura				
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 ensur	e 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				
A A LA EDM Auxilians Data Fila Maana Ahaala				
6.3 L2 FDM Auxiliary Data File Usage Check				
Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.				
Number of products with errors: 0				
6.4 L2 FDM Auxiliary Correction Error Check				
Each product is checked to detect auxiliary corrections flagged by the ground-statio	n processing chain as missing or containi	ng errors.		
Number of products with errors: 44				
Product	Test Failed	Description		
CS_OFFL_SIR_FDM_220150814T234824_20150815T000535_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records		

CS\_OFFL\_SIR\_FDM\_2\_\_20150815T001105\_20150815T002201\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T003802\_20150815T010141\_C001 CS OFFL SIR FDM 2 20150815T010953 20150815T011330 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T011351\_20150815T011535\_C001 CS OFFL SIR FDM 2 20150815T013026 20150815T014449 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T021658\_20150815T024104\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T024120\_20150815T024433\_C001 CS OFFL SIR FDM 2 20150815T025248 20150815T025418 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T035855\_20150815T040148\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T042937\_20150815T043353\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T044223\_20150815T045500\_C001 CS OFFL SIR FDM 2 20150815T045746 20150815T051852 C001 CS\_OFFL\_SIR\_FDM\_2\_20150815T054809\_20150815T060042\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T062248\_20150815T065748\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T072939\_20150815T074711\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T082222\_20150815T083707\_C001 CS OFFL SIR FDM 2 20150815T085421 20150815T090435 C001 CS OFFL SIR FDM 2 20150815T091056 20150815T092705 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T095758\_20150815T095802\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T100219\_20150815T101540\_C001 CS\_OFFL\_SIR\_FDM\_2\_20150815T103202\_20150815T104634\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T104757\_20150815T110731\_C001 CS OFFL SIR FDM 2 20150815T121035 20150815T122140 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T130819\_20150815T133409\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T135018\_20150815T140054\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T140624\_20150815T142400\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T143538\_20150815T144253\_C001 CS OFFL SIR FDM 2 20150815T144605 20150815T145626 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T150920\_20150815T151321\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T153035\_20150815T160319\_C001 CS\_OFFL\_SIR\_FDM\_2\_20150815T160322\_20150815T160622\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T161515\_20150815T161716\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T162625\_20150815T162910\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T163054\_20150815T165131\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T175429\_20150815T175624\_C001 CS OFFL SIR FDM 2 20150815T180639 20150815T182932 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T184850\_20150815T190526\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T191007\_20150815T192438\_C001 CS OFFL SIR FDM 2 20150815T193642 20150815T195453 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T202745\_20150815T204235\_C001 CS OFFL SIR FDM 2 20150815T204436 20150815T205357 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T225610\_20150815T231445\_C001 CS\_OFFL\_SIR\_FDM\_2\_20150815T232015\_20150815T233118\_C001

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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 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 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 Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the 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 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 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 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 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 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 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 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 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 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 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 There is an error with the Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records 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 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 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 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 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 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 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: 0

### 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.

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220150815T003802_20150815T010141_C001	<b>°</b> °	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_220150815T010953_20150815T011330_C001	5 S	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_220150815T011351_20150815T011535_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_220150815T013026_20150815T014449_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_220150815T021658_20150815T024104_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_220150815T025248_20150815T025418_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_220150815T042937_20150815T043353_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_220150815T044223_20150815T045500_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_220150815T045746_20150815T051852_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_220150815T062248_20150815T065748_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_220150815T072939_20150815T074711_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_220150815T082222_20150815T083707_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_220150815T085421_20150815T090435_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_220150815T091056_20150815T092705_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_220150815T104757_20150815T110731_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_220150815T121035_20150815T122140_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_220150815T130819_20150815T133409_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_220150815T135018_20150815T140054_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_220150815T143538_20150815T144253_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_220150815T144605_20150815T145626_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_220150815T160322_20150815T160622_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_220150815T161515_20150815T161716_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_220150815T162625_20150815T162910_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_220150815T163054_20150815T165131_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_220150815T180639_20150815T182932_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_220150815T184850_20150815T190526_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_220150815T191007_20150815T192438_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_220150815T202745_20150815T204235_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_220150815T204436_20150815T205357_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_220150815T211445_20150815T213128_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_220150815T225610_20150815T231445_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_220150815T232015_20150815T233118_C001	CFI Retracked Range Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.

# 6.7 L2 FDM SWH and Backscatter Measurement Check

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

Number of products with errors: 32		
Product	Test Failed	Description
CS_OFFL_SIR_FDM_220150815T003802_20150815T010141_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_220150815T010953_20150815T011330_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_220150815T011351_20150815T011535_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_220150815T013026_20150815T014449_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_220150815T021658_20150815T024104_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_220150815T025248_20150815T025418_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_220150815T042937_20150815T043353_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_220150815T044223_20150815T045500_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_220150815T045746_20150815T051852_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_220150815T062248_20150815T065748_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_220150815T072939_20150815T074711_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_220150815T082222_20150815T083707_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_220150815T085421_20150815T090435_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_220150815T091056_20150815T092705_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_220150815T104757_20150815T110731_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_220150815T121035_20150815T122140_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_220150815T130819_20150815T133409_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_220150815T135018_20150815T140054_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_220150815T143538_20150815T144253_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_220150815T144605_20150815T145626_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_220150815T160322_20150815T160622_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_220150815T161515_20150815T161716_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_220150815T162625_20150815T162910_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_220150815T163054_20150815T165131_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_220150815T180639_20150815T182932_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_220150815T184850_20150815T190526_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_220150815T191007_20150815T192438_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_220150815T202745_20150815T204235_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_220150815T204436_20150815T205357_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_220150815T211445_20150815T213128_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_220150815T225610_20150815T231445_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_220150815T232015_20150815T233118_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.
6.9.1.2 EDM Occan Potrocking Quality Check		

# 6.8 L2 FDM Ocean Retracking Quality Check

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

 Number of products with errors:
 47

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220150814T234824_20150815T000535_C001		The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220150815T003802_20150815T010141_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_220150815T010953_20150815T011330_C001		The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220150815T011351_20150815T011535_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\_\_20150815T013026\_20150815T014449\_C001 CS\_OFFL\_SIR\_EDM\_2\_\_20150815T021658\_20150815T024104\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T024120\_20150815T024433\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T025248\_20150815T025418\_C001 CS OFFL SIR FDM 2 20150815T030612 20150815T033936 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T042937\_20150815T043353\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T044223\_20150815T045500\_C001 CS OFFL SIR FDM 2 20150815T045746 20150815T051852 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T054809\_20150815T060042\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T060951\_20150815T061008\_C001 CS OFFL SIR FDM 2 20150815T062248 20150815T065748 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T071658\_20150815T072929\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T072939\_20150815T074711\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T082222\_20150815T083707\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T085421\_20150815T090435\_C001 CS OFFL SIR FDM 2 20150815T091056 20150815T092705 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T100219\_20150815T101540\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T104757\_20150815T110731\_C001 CS OFFL SIR FDM 2 20150815T121035 20150815T122140 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T123641\_20150815T123856\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T130819\_20150815T133409\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T135018\_20150815T140054\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T140624\_20150815T142400\_C001 CS OFFL SIR FDM 2 20150815T143538 20150815T144253 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T144605\_20150815T145626\_C001 CS OFFL SIR FDM 2 20150815T153035 20150815T160319 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T160322\_20150815T160622\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T161515\_20150815T161716\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T162625\_20150815T162910\_C001 CS\_OFFL\_SIR\_FDM\_2\_20150815T163054\_20150815T165131\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T170903\_20150815T174433\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T180639\_20150815T182932\_C001 CS OFFL SIR FDM 2 20150815T184850 20150815T190526 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T191007\_20150815T192438\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T193642\_20150815T195453\_C001 CS OFFL SIR FDM 2 20150815T195620 20150815T201018 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T202745\_20150815T204235\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T204436\_20150815T205357\_C001 CS\_OFFL\_SIR\_FDM\_2\_20150815T211445\_20150815T213128\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T220723\_20150815T222141\_C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T225610\_20150815T231445\_C001 CS OFFL SIR FDM 2 20150815T232015 20150815T233118 C001 CS\_OFFL\_SIR\_FDM\_2\_\_20150815T234741\_20150816T000659\_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. 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