

Repor Pr

IDEAS+ Daily Report for FDM data:

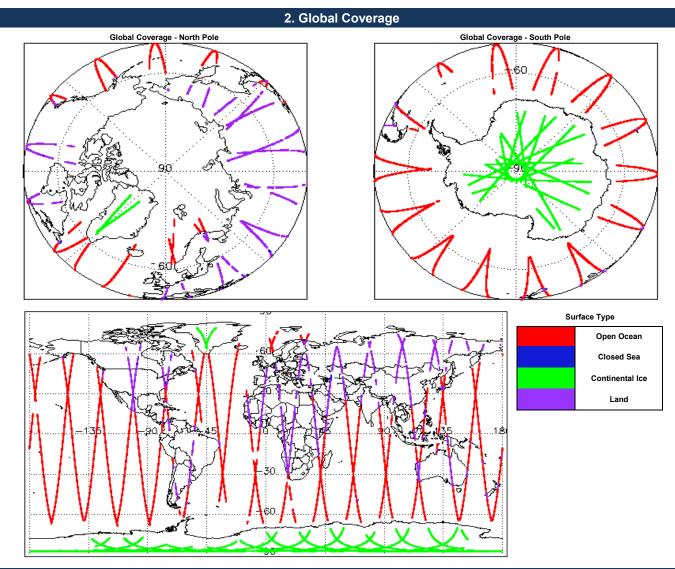
<u>31/01/2016</u>

See Section 5.7, 6.5, 6.6, 6.7 and 6.8

1. Overview				
	1			
ort Production Date:	02-Feb-2016	Check Server check: science-pds.cryosat.esa.int	Status 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	Product Format Check	Nominal	
Data Useu.		Product Header Analysis	See Section 4.2	
		Star Tracker Usage Check	See Section 5.3	
		Calibration Usage Check	Nominal	
		Auxiliary Data File Usage Check	Nominal	
		Auxiliary Correction Error Check	See Section 6.4	

Measurement Confidence Data Check

Mission / Instrument News		
30-Jan-2016	None	
31-Jan-2016	None	
01-Feb-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

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 SF	PH in order to identify any inconsisten	cies and/or errors raised by the processing chain.
Number of products with errors: 6		
Product	Test Failed	
CS_OPER_SIR1SAR_020160131T200720_20160131T202128_0001.HDR		errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160131T212132_20160131T212320_0001.HDR		errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_0_20160131T092800_20160131T093136_0001.HDR		errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020160131T135412_20160131T135414_0001.HDR		errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020160131T135339_20160131T135409_0001.HDR	Percentage of processing	errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020160131T003329_20160131T003706_0001.HDR	Percentage of processing	errors detected greater than minimum acceptable threshold.
5. Leve	I 1B FDM Data Quality	/ Check
5.1 L1B FDM Product Format Check		
Each product, retrieved and unpacked from the science server, is checked to ensu	ire 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 SF	2H in order to identify any inconsisten	cies and/or errors raised by the ground-segment processing chain
Number of products with errors: 0	The order to rue fully any inconsisten	היה מהמיסו הוזסוס ומוסכת שין מוד פוטעווע־ככפווכות פוטעדאטווע טומוו.
5.3 L1B FDM Star Tracker Usage Check		
Each product is checked in order to ensure a valid star tracker file has been used i	in processing.	
Number of products with errors: 3		
Product	Test Failed	
CS_OFFL_SIR_FDM_1B_20160131T164144_20160131T164502_C001	No Star Tracker file used in	n the processing of this product
CS_OFFL_SIR_FDM_1B_20160131T182125_20160131T182220_C001	No Star Tracker file used in	n the processing of this product
CS_OFFL_SIR_FDM_1B_20160131T200036_20160131T200136_C001	No Star Tracker file used in	n 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 be	en used in processing.	
Number of products with errors: 0		
5.5 L1B FDM Auxilary Data File Usage Check		
Each product is checked for missing Data Set Descriptors with respect to a pre-de	termined baseline and also to check t	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 indica	ates 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 mea	surement record. The bit value of this	flag indicates any problems when set.
Number of products with errors: 3		
Product	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20160131T164144_20160131T164502_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160131T182125_20160131T182220_C001	Attitude correction missing	The attitude has not been corrected
	-	
CS_OFFL_SIR_FDM_1B_20160131T200036_20160131T200136_C001	Attitude correction missing	The attitude has not been corrected
6. Leve	el 2 FDM Data Quality	Check
6.1 L2 FDM Product Format Check		
Each product, retrieved and unpacked from the science server, is checked to ensu	ire 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 SF	PH in order to identify any inconsisten	cies 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-de		the validity of Auviliany Data Files is correct

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-station processing chain as missing or containing errors.

Number of products with errors:

Product
CS_OFFL_SIR_FDM_220160130T235742_20160131T001010_C001
CS_OFFL_SIR_FDM_220160131T003706_20160131T004638_C001
CS_OFFL_SIR_FDM_220160131T004704_20160131T004733_C001
CS_OFFL_SIR_FDM_220160131T004913_20160131T010345_C001
CS_OFFL_SIR_FDM_220160131T014243_20160131T014948_C001
CS_OFFL_SIR_FDM_220160131T022552_20160131T024301_C001
CS_OFFL_SIR_FDM_220160131T035925_20160131T042233_C001
CS_OFFL_SIR_FDM_220160131T043540_20160131T043553_C001
CS_OFFL_SIR_FDM_220160131T053456_20160131T055538_C001
CS_OFFL_SIR_FDM_220160131T061557_20160131T064941_C001
CS_OFFL_SIR_FDM_220160131T081955_20160131T082929_C001
CS_OFFL_SIR_FDM_220160131T090753_20160131T091929_C001
CS_OFFL_SIR_FDM_220160131T092039_20160131T092112_C001
CS_OFFL_SIR_FDM_220160131T093424_20160131T093950_C001
CS_OFFL_SIR_FDM_220160131T094000_20160131T100542_C001
CS_OFFL_SIR_FDM_220160131T102312_20160131T102335_C001
CS_OFFL_SIR_FDM_220160131T102420_20160131T103120_C001
CS_OFFL_SIR_FDM_220160131T103139_20160131T105539_C001
CS_OFFL_SIR_FDM_220160131T111336_20160131T113032_C001
CS_OFFL_SIR_FDM_220160131T113336_20160131T114258_C001
CS_OFFL_SIR_FDM_220160131T122632_20160131T123812_C001
CS_OFFL_SIR_FDM_220160131T125300_20160131T130755_C001
CS_OFFL_SIR_FDM_220160131T130935_20160131T132041_C001
CS_OFFL_SIR_FDM_220160131T134629_20160131T135339_C001
CS_OFFL_SIR_FDM_220160131T135502_20160131T140002_C001
CS_OFFL_SIR_FDM_220160131T140211_20160131T141900_C001
CS_OFFL_SIR_FDM_220160131T143239_20160131T145511_C001
CS_OFFL_SIR_FDM_220160131T161104_20160131T163920_C001
CS_OFFL_SIR_FDM_220160131T170542_20160131T173633_C001
CS_OFFL_SIR_FDM_220160131T175032_20160131T181126_C001
CS_OFFL_SIR_FDM_220160131T181152_20160131T181612_C001
CS OFFL SIR FDM 2 20160131T182800 20160131T182849 C001
CS_OFFL_SIR_FDM_220160131T184126_20160131T191620_C001
CS_OFFL_SIR_FDM_220160131T203302_20160131T205502_C001
CS_OFFL_SIR_FDM_220160131T214503_20160131T214523_C001
CS_OFFL_SIR_FDM_2_20160131T220147_20160131T223414_C001
CS OFFL SIR FDM 2 20160131T225211 20160131T230440 C001
CS_OFFL_SIR_FDM_220160131T230448_20160131T232222_C001
CS_OFFL_SIR_FDM_220160131T234333_20160131T235534_C001
CS OFFL SIR FDM 2 20160131T235738 20160201T001325 C001

Test Failed	I
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	1
Wind Speed	•
Sea State Bias Correction	1
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	1
Sea State Bias Correction	
Sea State Bias Correction, Altimetric Wind Speed	
Sea State Bias Correction	-
Sea State Bias Correction, Altimetric	1
Wind Speed Sea State Bias Correction, Altimetric	•
Wind Speed Sea State Bias Correction, Altimetric	•
Wind Speed	•
Sea State Bias Correction	1
Sea State Bias Correction, Altimetric Wind Speed	•
Sea State Bias Correction	1
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, Altimetric	1
Wind Speed Sea State Bias Correction, Altimetric	-
Wind Speed	•
Sea State Bias Correction	1
Sea State Bias Correction	1
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	1
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	-
	Ľ

	Description
ric	There is an error with the Altimetric Wind Speed and Sea State Bias
ric	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
ric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
ric	There is an error with the Altimetric Wind Speed and Sea State Bias
ric	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
ric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
ric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
ric	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
ric	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
ric	There is an error with the Altimetric Wind Speed and Sea State Bias
ric	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
ric	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
ric	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
ric	records There is an error with the Altimetric Wind Speed and Sea State Bias
ric	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
ric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
ric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
ric	There is an error with the Altimetric Wind Speed and Sea State Bias
ric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
ric	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
ric	There is an error with the Altimetric Wind Speed and Sea State Bias
ric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
ric	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
ric	Correction for one or more records
ric	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
ric	There is an error with the Altimetric Wind Speed and Sea State Bias
ric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
ric	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
ric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
ric	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:
 3

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160131T164144_20160131T164502_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160131T182125_20160131T182220_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160131T200036_20160131T200136_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: 22

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160130T235742_20160131T001010_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 2 20160131T003706 20160131T004638 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
	of thetracked Mange Thag	ignored for these records.
CS_OFFL_SIR_FDM_220160131T004913_20160131T010345_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_220160131T014243_20160131T014948_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_220160131T053456_20160131T055538_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_220160131T094000_20160131T100542_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_220160131T111336_20160131T113032_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_220160131T122632_20160131T123812_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_220160131T125300_20160131T130755_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_220160131T130935_20160131T132041_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_220160131T134629_20160131T135339_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_220160131T135502_20160131T140002_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_220160131T140211_20160131T141900_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_220160131T143239_20160131T145511_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_220160131T175032_20160131T181126_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_220160131T181152_20160131T181612_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_220160131T184126_20160131T191620_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_220160131T203302_20160131T205502_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_220160131T220147_20160131T223414_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_220160131T225211_20160131T230440_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_220160131T234333_20160131T235534_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_220160131T235738_20160201T001325_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: 22				
Product	Test Failed	Description		
CS_OFFL_SIR_FDM_220160130T235742_20160131T001010_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_2_20160131T003706_20160131T004638_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_220160131T004913_20160131T010345_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_220160131T014243_20160131T014948_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_220160131T053456_20160131T055538_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_220160131T094000_20160131T100542_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_220160131T111336_20160131T113032_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_220160131T122632_20160131T123812_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_220160131T125300_20160131T130755_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_220160131T130935_20160131T132041_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_220160131T134629_20160131T135339_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_220160131T135502_20160131T140002_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_220160131T140211_20160131T141900_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_220160131T143239_20160131T145511_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_220160131T175032_20160131T181126_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_220160131T181152_20160131T181612_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_220160131T184126_20160131T191620_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_220160131T203302_20160131T205502_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_220160131T220147_20160131T223414_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_220160131T225211_20160131T230440_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_220160131T234333_20160131T235534_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_220160131T235738_20160201T001325_C001	CFI Backscatter Status Flag, SWH Squared Averaging Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.

6.8 L2 FDM Ocean Retracking Quality Check

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

 Number of products with errors:
 45

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160130T235742_20160131T001010_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_220160131T003706_20160131T004638_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_220160131T004913_20160131T010345_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_220160131T013656_20160131T014120_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_220160131T014243_20160131T014948_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_220160131T025636_20160131T032136_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_220160131T035925_20160131T042233_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_220160131T043614_20160131T050829_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_220160131T053456_20160131T055538_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_220160131T061557_20160131T064941_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_220160131T070406_20160131T070449_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_220160131T081955_20160131T082929_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_220160131T090753_20160131T091929_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_220160131T093424_20160131T093950_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_220160131T094000_20160131T100542_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_220160131T103139_20160131T105539_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_220160131T111336_20160131T113032_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_220160131T113036_20160131T113127_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_220160131T113336_20160131T114258_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_220160131T120432_20160131T122013_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_220160131T122632_20160131T123812_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_220160131T125300_20160131T130755_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_220160131T130935_20160131T132041_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_220160131T134629_20160131T135339_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_220160131T135502_20160131T140002_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_220160131T140211_20160131T141900_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_220160131T143239_20160131T145511_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_220160131T150749_20160131T150853_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_220160131T153415_20160131T155748_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_220160131T161104_20160131T163920_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_220160131T170542_20160131T173633_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_20160131T175032_20160131T181126_C001 CS_OFFL_SIR_FDM_2_20160131T181152_20160131T181612_C001 CS_OFFL_SIR_FDM_2_20160131T182800_20160131T182849_C001 CS_OFFL_SIR_FDM_2_20160131T184126_20160131T191620_C001 CS_OFFL_SIR_FDM_2_20160131T193833_20160131T194604_C001 CS_OFFL_SIR_FDM_2_20160131T203302_20160131T205502_C001 CS_OFFL_SIR_FDM_2_20160131T213202_20160131T205502_C001 CS_OFFL_SIR_FDM_2_20160131T212320_20160131T213554_C001 CS_OFFL_SIR_FDM_2_20160131T220147_20160131T223414_C001 CS_OFFL_SIR_FDM_2_20160131T225211_20160131T230440_C001 CS_OFFL_SIR_FDM_2_20160131T225211_20160131T235534_C001 CS_OFFL_SIR_FDM_2_20160131T234333_20160131T235534_C001 CS_OFFL_SIR_FDM_2_20160131T234333_20160131T235534_C001 CS_OFFL_SIR_FDM_2_20160131T235738_20160201T001325_C001

 Ocean Retracking Quality Flag

 Ocean Retracking Quality Flag

The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.