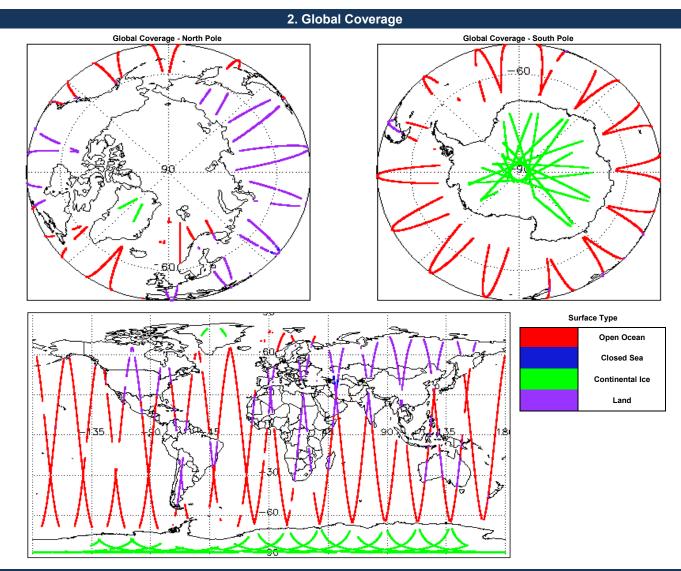


IDEAS+ Daily Report for FDM data:

<u>30/03/2019</u>

1. Overview				
Check Status				
Report Production Date:	01-Apr-2019	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	Product Format Check	Nominal	
		Product Header Analysis	See Section 4.2	
		Star Tracker Usage Check	See Section 5.3	
		Calibration Usage Check	Nominal	
		Auxiliary Data File Usage Check	Nominal	

		/ taxinary Data The Obuge Oneon	
		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 / Instru	iment News		
29-Mar-2019	None		
30-Mar-2019	None		
31-Mar-2019	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
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 SP	H in order to identify any inconsister	ncies and/or errors raised by the processing chain.		
Number of products with errors: 5				
Product Test Failed				
CS_OPER_SIR1SAR_020190330T032919_20190330T033235_0001.HDR	Percentage of processing	errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR1SAR_020190330T031514_20190330T032147_0001.HDR	Percentage of processing	errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR1SAR_020190330T045454_20190330T050108_0001.HDR	Percentage of processing	errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR1SAR_020190330T043230_20190330T044046_0001.HDR	Percentage of processing	errors detected greater than minimum acceptable threshold.		
CS_OPER_SIR2SIN_020190330T180631_20190330T181020_0001.HDR	Percentage of processing	errors detected greater than minimum acceptable threshold.		
5. Level	1B FDM Data Quality	y Check		
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 inconsister	ncies 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 Number of products with errors: 4	n processing.			
Product CS_OFFL_SIR_FDM_1B_20190330T063148_20190330T063153_C001	Test Failed	in the processing of this product		
CS_OFFL_SIR_FDM_1B_20190330T080802_20190330T080810_C001		in the processing of this product		
CS_OFFL_SIR_FDM_1B_20190330T094436_20190330T094608_C001		in the processing of this product		
CS_OFFL_SIR_FDM_1B_20190330T123230_20190330T130838_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.				
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-determined baseline and also to check the validity of Auxiliary Data Files is correct.				
Number of products with errors: 0				
5.6 L1B FDM Auxiliary Correction Error Check				
CryoSat L1B data includes a correction error flag (field 54) for each measurement record. The bit value of this flag indicates any problems when set.				
Number of products with errors: 0				
5.7 L1B FDM Measurement Confidence Data Check				
CryoSat L1B data includes a measurement confidence flag (field 18) for each meas	urement record. The bit value of this	s flag indicates any problems when set.		
Number of products with errors: 4				
Product	Test Failed	Description		
CS_OFFL_SIR_FDM_1B_20190330T063148_20190330T063153_C001	Attitude correction missing	The attitude has not been corrected		
CS_OFFL_SIR_FDM_1B_20190330T080802_20190330T080810_C001	Attitude correction missing	The attitude has not been corrected		
CS_OFFL_SIR_FDM_1B_20190330T094436_20190330T094608_C001	Attitude correction missing	The attitude has not been corrected		
CS_OFFL_SIR_FDM_1B_20190330T123230_20190330T130838_C001	Attitude correction missing	The attitude has not been corrected		
6. Leve	I 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 SP	H in order to identify any inconsister	ncies and/or errors raised by the ground-segment processing chain.		
Number of products with errors: 0	, ,			

Number of products with errors: 0

6.3 L2 FDM Auxiliary Data File Usage Check

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

 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.

33

Number of products with errors:

Product CS OFFL SIR FDM 2 20190330T005857 20190330T012828 C001 CS_OFFL_SIR_FDM_2__20190330T014754_20190330T020627_C001 CS OFFL SIR FDM 2 20190330T020712 20190330T022031 C001 CS_OFFL_SIR_FDM_2__20190330T025529_20190330T030450_C001 CS_OFFL_SIR_FDM_2__20190330T033235_20190330T034412_C001 CS_OFFL_SIR_FDM_2__20190330T040332_20190330T040335_C001 CS_OFFL_SIR_FDM_2__20190330T055619_20190330T062231_C001 CS_OFFL_SIR_FDM_2__20190330T065333_20190330T070452_C001 CS_OFFL_SIR_FDM_2__20190330T073510_20190330T080511_C001 CS_OFFL_SIR_FDM_2__20190330T091403_20190330T092026_C001 CS_OFFL_SIR_FDM_2__20190330T113056_20190330T113103_C001 CS_OFFL_SIR_FDM_2__20190330T114455_20190330T121837_C001 CS_OFFL_SIR_FDM_2__20190330T123230_20190330T130838_C001 CS OFFL SIR FDM 2 20190330T130838 20190330T130845 C001 CS_OFFL_SIR_FDM_2__20190330T132644_20190330T133543_C001 CS OFFL SIR FDM 2 20190330T134024 20190330T134202 C001 CS_OFFL_SIR_FDM_2__20190330T134226_20190330T135811_C001 CS_OFFL_SIR_FDM_2__20190330T141229_20190330T141249_C001 CS OFFL SIR FDM 2 20190330T144503 20190330T144718 C001 CS_OFFL_SIR_FDM_2__20190330T151013_20190330T151944_C001 CS OFFL SIR FDM 2 20190330T152147 20190330T153723 C001 CS_OFFL_SIR_FDM_2__20190330T161145_20190330T162304_C001 CS_OFFL_SIR_FDM_2__20190330T165959_20190330T171630_C001 CS_OFFL_SIR_FDM_2__20190330T175317_20190330T180424_C001 CS_OFFL_SIR_FDM_2__20190330T182932_20190330T185605_C001 CS_OFFL_SIR_FDM_2__20190330T193810_20190330T194104_C001 CS_OFFL_SIR_FDM_2__20190330T200454_20190330T203539_C001 CS_OFFL_SIR_FDM_2__20190330T204755_20190330T212308_C001 CS_OFFL_SIR_FDM_2__20190330T213606_20190330T213753_C001 CS_OFFL_SIR_FDM_2__20190330T220727_20190330T221000_C001 CS_OFFL_SIR_FDM_2__20190330T221200_20190330T221506_C001 CS_OFFL_SIR_FDM_2__20190330T222722_20190330T225019_C001 CS_OFFL_SIR_FDM_2__20190330T231445_20190330T231824_C001

Test Failed	Description
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records There is an error with the Sea State Bias Correction for one or more
Sea State Bias Correction	records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records
Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more
-	records
Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
	There is an error with the Sea State Bias Correction for one or more
Sea State Bias Correction	records
Soo State Rice Correction	There is an error with the Sea State Bias Correction for one or more
Sea State Bias Correction	records
Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
Wind Speed	Correction for one or more records

6.5 L2 FDM Measurement Confidence Data Check

4

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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220190330T063148_20190330T063153_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220190330T080802_20190330T080810_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220190330T094436_20190330T094608_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220190330T123230_20190330T130838_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.

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220190330T005857_20190330T012828_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_220190330T020712_20190330T022031_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_220190330T025529_20190330T030450_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_220190330T033235_20190330T034412_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_220190330T055619_20190330T062231_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_220190330T065333_20190330T070452_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_220190330T073510_20190330T080511_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_220190330T123230_20190330T130838_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_220190330T132644_20190330T133543_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_220190330T134024_20190330T134202_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_220190330T134226_20190330T135811_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_220190330T151013_20190330T151944_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_220190330T152147_20190330T153723_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_220190330T161145_20190330T162304_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_220190330T175317_20190330T180424_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_220190330T182932_20190330T185605_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_220190330T200454_20190330T203539_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_220190330T204755_20190330T212308_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. 18

Number of	products	with errors:	
-----------	----------	--------------	--

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220190330T005857_20190330T012828_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_220190330T020712_20190330T022031_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_220190330T025529_20190330T030450_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_220190330T033235_20190330T034412_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_220190330T055619_20190330T062231_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_220190330T065333_20190330T070452_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_220190330T073510_20190330T080511_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_220190330T123230_20190330T130838_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_220190330T132644_20190330T133543_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_220190330T134024_20190330T134202_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_220190330T134226_20190330T135811_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_220190330T151013_20190330T151944_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_220190330T152147_20190330T153723_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_220190330T161145_20190330T162304_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_220190330T175317_20190330T180424_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_220190330T182932_20190330T185605_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__20190330T204755_20190330T212308_C001

CFI Backscatter Status Flag, SWH Squared Averaging Status Flag

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.

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

Number of products with errors:

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.

Test Failed Description Product The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T001730_20190330T002208_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20190330T002247 20190330T004045 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20190330T005857 20190330T012828 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20190330T014754 20190330T020627 C001 Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T020712_20190330T022031_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T023745_20190330T025327_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T025529_20190330T030450_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T033235_20190330T034412_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T041657_20190330T043230_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20190330T051751 20190330T054319 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T055619_20190330T062231_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T065333_20190330T070452_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20190330T073510 20190330T080511 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T082809_20190330T084406_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T100612_20190330T104048_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20190330T114455 20190330T121837 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20190330T123230 20190330T130838 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T132644_20190330T133543_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20190330T134024 20190330T134202 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T134226_20190330T135811_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20190330T151013 20190330T151944 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20190330T152147 20190330T153723 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T161145_20190330T162304_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20190330T165959 20190330T171630 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T175317_20190330T180424_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T182932_20190330T185605_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20190330T193810 20190330T194104 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T200454_20190330T203539_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20190330T204755 20190330T212308 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20190330T213606 20190330T213753 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T221200_20190330T221506_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T222722_20190330T225019_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20190330T225305 20190330T230214 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS_OFFL_SIR_FDM_2__20190330T234103_20190330T235407_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records.

7. QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR1LRM_0_	166	166	166	0	0
SIR1SAR_0_	115	115	115	0	0
SIR1SIN_0_	108	108	108	0	0
SIR2SIN_0_	108	108	108	0	0
SIR_FDM_1B	166	166	166	0	0
SIR_FDM_2	164	164	164	0	0

7.1 QCC Errors

7.2 QCC Warnings	
Number of QCC reports with warnings	0
7.3 Missing QCC Reports	
Number of products with missing QCC reports:	0