



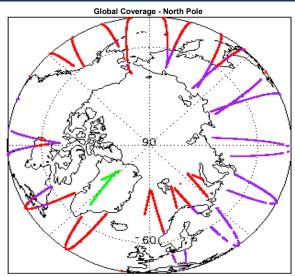
1. Overview

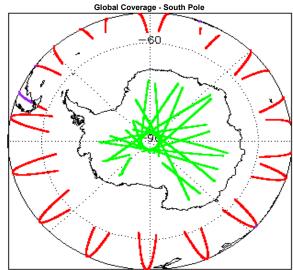
Report Production Date:	03-Nov-2016	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data	

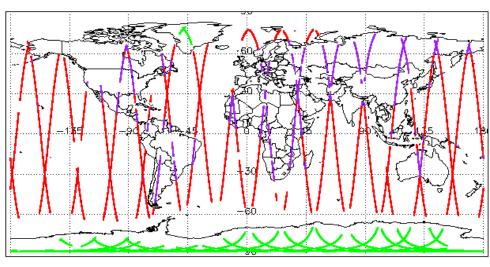
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 6.4
Measurement Confidence Data Check	See Section 5.7, 6.5, 6.6, 6.7 and 6.8

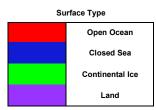
Mission / Instru	ument News
01-Nov-2016	None
02-Nov-2016	None
03-Nov-2016	Nothing planned

2. Global Coverage









3. Instrument Configuration

The SIRAL instrument configuration for the day of acquisition is provided below.

SIRAL instrument(s) in use:	SIRAL - A
Star Tracker(s) in use:	Star Tracker 1 & 2

4. Level 0 Data Quality Check

4.1 L0 Product Format Check

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

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:

Product	Test Failed
CS_OPER_SIR1SAR_020161102T201139_20161102T201810_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20161102T043155_20161102T043346_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020161102T030343_20161102T031503_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020161102T020635_20161102T020757_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020161102T075348_20161102T075700_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020161102T160538_20161102T160740_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020161102T134910_20161102T135105_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020161102T133925_20161102T134158_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020161102T142355_20161102T143156_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020161102T233456_20161102T233845_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.

5. Level 1B FDM Data Quality Check

5.1 L1B FDM Product Format Check

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

Number of products with errors:

5.2 L1B FDM Product Header Analysis

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

Number of products with errors:

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.

0

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20161102T024900_20161102T025226_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20161102T042832_20161102T042929_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20161102T060801_20161102T060827_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20161102T093133_20161102T093349_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:

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:

5.7 L1B FDM Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag (field 18) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_1B_20161102T024900_20161102T025226_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20161102T042832_20161102T042929_C001	Echo error, TRK echo error, Attitude correction missing	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20161102T060801_20161102T060827_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20161102T093133_20161102T093349_C001	Attitude correction missing	The attitude has not been corrected

6. Level 2 FDM Data Quality Check

6.1 L2 FDM Product Format Check

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

Number of products with errors:

6.2 L2 FDM Product Header Analysis

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

Number of products with errors:

6.3 L2 FDM Auxiliary Data File Usage Check

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:

22

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220161102T000156_20161102T000406_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more
CS_OFFL_SIR_FDM_2_20161102T004050_20161102T010325_C001	Sea State Bias Correction, Altimetric Wind Speed	records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220161102T012809_20161102T013547_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_220161102T022131_20161102T024442_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220161102T025633_20161102T025728_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220161102T035922_20161102T042201_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_220161102T043346_20161102T043440_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_20161102T044836_20161102T052121_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_220161102T061205_20161102T061606_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_20161102T062745_20161102T063709_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_220161102T063955_20161102T070118_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220161102T071855_20161102T072831_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_220161102T073018_20161102T074251_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_220161102T080451_20161102T083956_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_220161102T085910_20161102T093005_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_220161102T094538_20161102T100406_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_220161102T105304_20161102T110851_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_220161102T112742_20161102T114251_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_220161102T121421_20161102T123641_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_220161102T123803_20161102T124940_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_220161102T131427_20161102T133623_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_220161102T135254_20161102T141900_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_220161102T145138_20161102T151607_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220161102T153226_20161102T154254_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220161102T154831_20161102T160538_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220161102T161759_20161102T162026_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_220161102T162817_20161102T163556_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_220161102T171303_20161102T174510_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_220161102T174725_20161102T174744_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_220161102T203054_20161102T210558_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_220161102T222649_20161102T223611_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_220161102T225812_20161102T231530_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

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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220161102T024900_20161102T025226_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220161102T042832_20161102T042929_C001	Echo error, Attitude correction missing	The Echo Rx1 Error flag is set, indicating a degraded raw echo. The attitude
CS_OFFL_SIR_FDM_220161102T060801_20161102T060827_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220161102T093133_20161102T093349_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:

23

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220161102T004050_20161102T010325_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_220161102T012809_20161102T013547_C001	0 0	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_220161102T035922_20161102T042201_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_20161102T044836_20161102T052121_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more indicating the values stored in fields #13, #14, #15 and ignored for these records. The master fail flag is set by the CFI call, for one or more indicating the values stored in fields #13, #14, #15 and ignored for these records. CS_OFFL_SIR_FDM_2_20161102T062745_20161102T063709_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more indicating the values stored in fields #13, #14, #15 and ignored for these records. The master fail flag is set by the CFI call, for one or more indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be ore records, d #16 should be ore records,
CS_OFFL_SIR_FDM_2_20161102T061205_20161102T061606_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and ignored for these records. The master fail flag is set by the CFI call, for one or more indicating the values stored in fields #13, #14, #15 and ignored for these records. CS_OFFL_SIR_FDM_2_20161102T062745_20161102T063709_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be ore records,
CS_OFFL_SIR_FDM_2_20161102T062745_20161102T063709_C001	
The master fail flag is set by the CFI call, for one or more cS_OFFL_SIR_FDM_2_20161102T071855_20161102T072831_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
The master fail flag is set by the CFI call, for one or more cS_OFFL_SIR_FDM_2_20161102T073018_20161102T074251_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
The master fail flag is set by the CFI call, for one or more cS_OFFL_SIR_FDM_2_20161102T080451_20161102T083956_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
The master fail flag is set by the CFI call, for one or more CS_OFFL_SIR_FDM_2_20161102T094538_20161102T100406_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
The master fail flag is set by the CFI call, for one or more cS_OFFL_SIR_FDM_2_20161102T105304_20161102T110851_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
The master fail flag is set by the CFI call, for one or more cS_OFFL_SIR_FDM_2_20161102T112742_20161102T114251_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
The master fail flag is set by the CFI call, for one or more cS_OFFL_SIR_FDM_2_20161102T121421_20161102T123641_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
The master fail flag is set by the CFI call, for one or more cS_OFFL_SIR_FDM_2_20161102T123803_20161102T124940_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
CS_OFFL_SIR_FDM_2_20161102T131427_20161102T133623_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or mo indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
The master fail flag is set by the CFI call, for one or more cS_OFFL_SIR_FDM_2_20161102T135254_20161102T141900_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
CS_OFFL_SIR_FDM_2_20161102T162817_20161102T163556_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or mo indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
CS_OFFL_SIR_FDM_2_20161102T171303_20161102T174510_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or mode indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
The master fail flag is set by the CFI call, for one or more cS_OFFL_SIR_FDM_2_20161102T174725_20161102T174744_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
The master fail flag is set by the CFI call, for one or more cS_OFFL_SIR_FDM_2_20161102T203054_20161102T210558_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
The master fail flag is set by the CFI call, for one or more cS_OFFL_SIR_FDM_2_20161102T222649_20161102T223611_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and ignored for these records.	d #16 should be
The master fail flag is set by the CFI call, for one or more cS_OFFL_SIR_FDM_2_20161102T225812_20161102T231530_C001 CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more indicating the values stored in fields #13, #14, #15 and ignored for these records.	

6.7 L2 FDM SWH and Backscatter Measurement Check

23

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220161102T004050_20161102T010325_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_220161102T012809_20161102T013547_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_20161102T035922_20161102T042201_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_20161102T043346_20161102T043440_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_20161102T044836_20161102T052121_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_20161102T061205_20161102T061606_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_220161102T062745_20161102T063709_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_20161102T071855_20161102T072831_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_20161102T073018_20161102T074251_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_20161102T080451_20161102T083956_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_220161102T094538_20161102T100406_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_220161102T105304_20161102T110851_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_20161102T112742_20161102T114251_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_20161102T121421_20161102T123641_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_220161102T123803_20161102T124940_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_20161102T131427_20161102T133623_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_220161102T135254_20161102T141900_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_220161102T162817_20161102T163556_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_220161102T171303_20161102T174510_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_220161102T174725_20161102T174744_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_220161102T203054_20161102T210558_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_220161102T222649_20161102T223611_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_220161102T225812_20161102T231530_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:

20

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220161102T000156_20161102T000406_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_220161102T004050_20161102T010325_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.
S_OFFL_SIR_FDM_220161102T012809_20161102T013547_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.
S_OFFL_SIR_FDM_220161102T022131_20161102T024442_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.
S_OFFL_SIR_FDM_220161102T025633_20161102T025728_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.
S_OFFL_SIR_FDM_220161102T031706_20161102T032702_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.
S_OFFL_SIR_FDM_220161102T035922_20161102T042201_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.
S_OFFL_SIR_FDM_220161102T043346_20161102T043440_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.
S_OFFL_SIR_FDM_220161102T044836_20161102T052121_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.
S_OFFL_SIR_FDM_220161102T054506_20161102T054905_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.
S_OFFL_SIR_FDM_220161102T061205_20161102T061606_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.
S_OFFL_SIR_FDM_220161102T062745_20161102T063709_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.
S_OFFL_SIR_FDM_220161102T063955_20161102T070118_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.
S_OFFL_SIR_FDM_220161102T071855_20161102T072831_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.
S_OFFL_SIR_FDM_220161102T073018_20161102T074251_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.
S_OFFL_SIR_FDM_220161102T080451_20161102T083956_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.
S_OFFL_SIR_FDM_220161102T085910_20161102T093005_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.
S_OFFL_SIR_FDM_220161102T094538_20161102T100406_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.
S_OFFL_SIR_FDM_220161102T100429_20161102T101926_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.
S_OFFL_SIR_FDM_220161102T105304_20161102T110851_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.
S_OFFL_SIR_FDM_220161102T112742_20161102T114251_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.
S_OFFL_SIR_FDM_220161102T121421_20161102T123641_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.
S_OFFL_SIR_FDM_220161102T123803_20161102T124940_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.
S_OFFL_SIR_FDM_220161102T131427_20161102T133623_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.
S_OFFL_SIR_FDM_220161102T135254_20161102T141900_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.
S_OFFL_SIR_FDM_220161102T145138_20161102T151607_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.
S_OFFL_SIR_FDM_220161102T153226_20161102T154254_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.
S_OFFL_SIR_FDM_220161102T162817_20161102T163556_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.
S_OFFL_SIR_FDM_220161102T171303_20161102T174510_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.
S_OFFL_SIR_FDM_220161102T174725_20161102T174744_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.
S_OFFL_SIR_FDM_220161102T181301_20161102T183333_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_220161102T185114_20161102T192647_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_220161102T194847_20161102T201139_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_220161102T203054_20161102T210558_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_220161102T211835_20161102T213740_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_220161102T221005_20161102T2222448_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_220161102T222649_20161102T223611_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_220161102T225812_20161102T231530_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_220161102T233141_20161102T233254_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.