



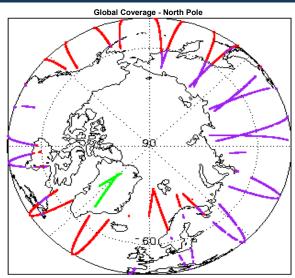
1. Overview

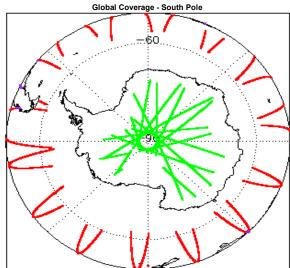
Report Production Date:	24-Nov-2016
Processor Used:	CryoSat Ice Processor
Data Used:	L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data

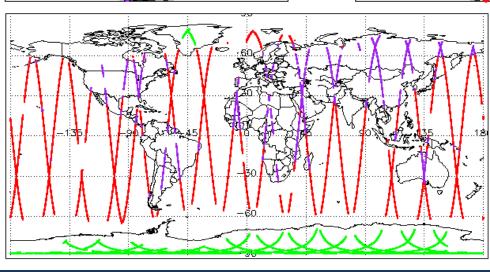
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File 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

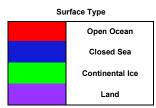
Mission / Instru	Mission / Instrument News		
22-Nov-2016	None		
23-Nov-2016	None		
24-Nov-2016	Nothing planned		

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_020161123T213111_20161123T213613_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20161123T154004_20161123T154251_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20161123T031119_20161123T031206_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20161123T040612_20161123T040838_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020161123T022647_20161123T023042_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_0_20161123T163302_20161123T164239_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020161123T111310_20161123T111623_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020161123T112121_20161123T112217_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020161123T154252_20161123T154416_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020161123T095415_20161123T095543_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020161123T133452_20161123T133652_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.

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20161123T013048_20161123T013728_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20161123T031302_20161123T031418_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20161123T045236_20161123T045301_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20161123T081631_20161123T081717_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:

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_20161123T013048_20161123T013728_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20161123T031302_20161123T031418_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20161123T045236_20161123T045301_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20161123T045301_20161123T045346_C001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20161123T081631_20161123T081717_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20161123T092149_20161123T093530_C001	Echo error, TRK echo error	The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo

6. 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).

lumber 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.

6.3 L2 FDM Auxiliary Data File Usage Check

6.4 L2 FDM Auxiliary Correction Error 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:

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:

40

Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
	TOURGOLION FOR ON THOSE RECORDS
	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 There is an error with the Sea State Bias Correction for one or more
Sea State Bias Correction Altimetric	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	There is an error with the Sea State Bias Correction for one or more records
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 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	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
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 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	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
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 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 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 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 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 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 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 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 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 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 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 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	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
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
Sea State Bias Correction, Altimetric	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 Correction for one or more records
Sea State Bias Correction, Altimetric	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 Correction for one or more records
Sea State Bias Correction, Altimetric	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
Sea State Bias Correction, Altimetric	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
Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
Sea State Bias Correction, Altimetric	Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias
	Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric

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_220161123T013048_20161123T013728_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220161123T031302_20161123T031418_C001	Attitude correction missing	The attitude has not been corrected

CS_OFFL_SIR_FDM_220161123T045236_20161123T045301_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220161123T045301_20161123T045346_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220161123T081631_20161123T081717_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220161123T092149_20161123T093530_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo

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:

25

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220161123T001511_20161123T002135_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_220161123T002300_20161123T002642_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_220161123T024358_20161123T031107_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_220161123T033340_20161123T040612_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_220161123T065114_20161123T072451_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_220161123T074352_20161123T081527_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_220161123T084714_20161123T084819_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_220161123T084823_20161123T090433_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_220161123T093744_20161123T095359_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_220161123T101714_20161123T102734_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_20161123T110339_20161123T111309_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_220161123T111623_20161123T112121_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_220161123T112405_20161123T113150_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_220161123T115837_20161123T122132_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_220161123T132634_20161123T132659_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_220161123T133652_20161123T140055_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_220161123T151231_20161123T153123_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_220161123T161921_20161123T162932_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_220161123T191525_20161123T194929_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_220161123T202311_20161123T203558_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_220161123T205431_20161123T210930_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_220161123T211133_20161123T212120_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_220161123T214333_20161123T220012_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_220161123T232325_20161123T232504_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_20161123T233502_20161123T235807_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:

25

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220161123T001511_20161123T002135_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_220161123T002300_20161123T002642_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_20161123T06314_20161123T072451_CO01 CS_OFFL_SIR_FDM_2_20161123T06514_20161123T072451_CO01 CS_OFFL_SIR_FDM_2_20161123T076514_20161123T072451_CO01 CS_OFFL_SIR_FDM_2_20161123T07652_20161123T061527_CO01 CS_OFFL_SIR_FDM_2_20161123T07652_20161123T061527_CO01 CS_OFFL_SIR_FDM_2_20161123T07652_20161123T061527_CO01 CS_OFFL_SIR_FDM_2_20161123T07652_20161123T061527_CO01 CS_OFFL_SIR_FDM_2_20161123T07652_20161123T061527_CO01 CS_OFFL_SIR_FDM_2_20161123T07652_20161123T061527_CO01 CS_OFFL_SIR_FDM_2_20161123T07652_20161123T061527_CO01 CS_OFFL_SIR_FDM_2_20161123T076525_CO01 CS_OFFL_SIR_FDM_2_20161123T076536_CO01 CS_OFFL_SIR_FDM_2_20161123T076536_CO01 CS_OFFL_SIR_FDM_2_20161123T1076336_CO01 CS_OFFL_SIR_FDM_2_20161123T1076336_CO016123T1076536_CO01 CS_OFFL_SIR_FDM_2_20161123T110536_CO01 CS_OFFL_SIR_FDM_2_20161123T110536_CO016123T1076556_CO016123T107656_C	CS_OFFL_SIR_FDM_220161123T024358_20161123T031107_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_20161123T08423_20161123T090433_C001 CS_OFFL_SIR_FDM_2_20161123T08423_20161123T090433_C001 CS_OFFL_SIR_FDM_2_20161123T08423_20161123T090433_C001 CS_OFFL_SIR_FDM_2_20161123T08423_20161123T090433_C001 CS_OFFL_SIR_FDM_2_20161123T08423_20161123T090433_C001 CS_OFFL_SIR_FDM_2_20161123T08423_20161123T090433_C001 CS_OFFL_SIR_FDM_2_20161123T08423_20161123T090433_C001 CS_OFFL_SIR_FDM_2_20161123T08423_20161123T090433_C001 CS_OFFL_SIR_FDM_2_20161123T08423_20161123T090433_C001 CS_OFFL_SIR_FDM_2_20161123T090433_C001 CS_OFFL_SIR_FDM_2_20161123T10339_20161123T11309_C001 CS_OFFL_SIR_FDM_2_20161123T113339_20161123T11309_C001 CS_OFFL_SIR_FDM_2_20161123T114205_20161123T11309_C001 CS_OFFL_SIR_FDM_2_20161123T1123033_20161123T11309_C001 CS_OFFL_SIR_FDM_2_20161123T113033_20161123T11309_C001 CS_OFFL_SIR_FDM_2_20161123T113033_20161123T1309_C001 CS_OFFL_SIR_FDM_2_20161123T113033_20161123T1309_C001 CS_OFFL_SIR_FDM_2_20161123T11309_C001 CS_OFFL_SIR_FDM_2_20161123T11309_C001 CS_OFFL_SIR_FDM_2_20161123T112303_20161123T13310_C001 CS_OFFL_SIR_FDM_2_20161123T11309_C001 CS_OFFL_SIR_FDM_2_20161123T11309_C001 CS_OFFL_SIR_FDM_2_20161123T13093_20161123T133102_C001 CS_OFFL_SIR_FDM_2_20161123T13093_20161123T133102_C001 CS_OFFL_SIR_FDM_2_20161123T13093_20161123T133102_C001 CS_OFFL_SIR_FDM_2_20161123T13093_20161123T133102_C001 CS_OFFL_SIR_FDM_2_20161123T13093_20161123T133102_C001 CS_OFFL_SIR_FDM_2_20161123T13093_20161123T133102_C001 CS_OFFL_SIR_FDM_2_20161123T131092_C001 CS_OFFL_SIR_FDM_2_20161123T	CS_OFFL_SIR_FDM_2_20161123T033340_20161123T040612_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20161123T084714_20161123T084039_C001 CS_OFFL_SIR_FDM_2_20161123T084724_20161123T08539_C001 CS_OFFL_SIR_FDM_2_20161123T084724_20161123T08539_C001 CS_OFFL_SIR_FDM_2_20161123T108744_20161123T08539_C001 CS_OFFL_SIR_FDM_2_20161123T10874_20161123T10859_C001 CS_OFFL_SIR_FDM_2_20161123T10874_20161123T108744_C001 CS_OFFL_SIR_FDM_2_20161123T10714_20161123T108744_C001 CS_OFFL_SIR_FDM_2_20161123T10714_20161123T108744_C001 CS_OFFL_SIR_FDM_2_20161123T110339_20161123T11309_C001 CS_OFFL_SIR_FDM_2_20161123T110339_20161123T113109_C001 CS_OFFL_SIR_FDM_2_20161123T110339_20161123T112121_C001 CS_OFFL_SIR_FDM_2_20161123T112405_C001 CS_OFFL_SIR_FDM_2_20161123T112405_C001 CS_OFFL_SIR_FDM_2_20161123T112405_C001 CS_OFFL_SIR_FDM_2_20161123T1123059_C001 CS_OFFL_SIR_FDM_2_20161123T1123059_C001 CS_OFFL_SIR_FDM_2_20161123T113059_C001 CS_OFFL_SIR_FDM_2_20161123T113059_C001 CS_OFFL_SIR_FDM_2_20161123T113059_C001 CS_OFFL_SIR_FDM_2_20161123T113059_C001 CS_OFFL_SIR_FDM_2_20161123T113059_C001 CS_OFFL_SIR_FDM_2_20161123T113059_C001 CS_OFFL_SIR_FDM_2_20161123T113059_C001 CS_OFFL_SIR_FDM_2_20161123T13059_C001 CS_OFFL_SIR_FDM_2_20161123T1095_C001 CS_OFFL_SIR_FDM_2_2016	CS_OFFL_SIR_FDM_2_20161123T065114_20161123T072451_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T084214_20161123T08439_CO01 CS_OFFL_SIR_FDM_2_20161123T08422_20161123T093734_CO01 CS_OFFL_SIR_FDM_2_20161123T093744_20161123T09359_CO01 CS_OFFL_SIR_FDM_2_20161123T101714_20161123T107734_CO01 CS_OFFL_SIR_FDM_2_20161123T101714_20161123T107734_CO01 CS_OFFL_SIR_FDM_2_20161123T101714_20161123T107734_CO01 CS_OFFL_SIR_FDM_2_20161123T110339_20161123T11100_CO01 CS_OFFL_SIR_FDM_2_20161123T110339_20161123T11100_CO01 CS_OFFL_SIR_FDM_2_20161123T111039_CO0161123T11100_CO01 CS_OFFL_SIR_FDM_2_20161123T111039_20161123T111100_CO01 CS_OFFL_SIR_FDM_2_20161123T111039_20161123T111100_CO01 CS_OFFL_SIR_FDM_2_20161123T111039_20161123T111100_CO01 CS_OFFL_SIR_FDM_2_20161123T111039_20161123T111100_CO01 CS_OFFL_SIR_FDM_2_20161123T111039_20161123T111100_CO01 CS_OFFL_SIR_FDM_2_20161123T11100_CO01 CS_OFFL_SIR_FDM_2_20161123T11100_CO01 CS_OFFL_SIR_FDM_2_20161123T11100_CO01 CS_OFFL_SIR_FDM_2_20161123T11100_CO01 CS_OFFL_SIR_FDM_2_20161123T1100_CO01 CS_OFFL_SIR_FDM_2_20161123T1100_CO01 CS_OFFL_SIR_FDM_2_20161123T1100_CO01 CS_OFFL_SIR_FDM_2_20161123T1100_CO01 CS_OFFL_SIR_FDM_2_20161123T1100_CO01 CS_OFFL_SIR_FDM_2_20161123T100_CO01 CS_OFFL_SIR_FDM_2_20161123T100_CO	CS_OFFL_SIR_FDM_2_20161123T074352_20161123T081527_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20161123T084823_20161123T090433_CO01 CF_BSR_FDM_2_20161123T083744_20161123T09559_CO01 CS_OFFL_SIR_FDM_2_20161123T101714_20161123T102734_CO01 CS_OFFL_SIR_FDM_2_20161123T101714_20161123T102734_CO01 CS_OFFL_SIR_FDM_2_20161123T1039_C0161123T111309_CO01 CS_OFFL_SIR_FDM_2_20161123T11039_C0161123T111309_CO01 CS_OFFL_SIR_FDM_2_20161123T111623_20161123T111309_CO01 CS_OFFL_SIR_FDM_2_20161123T111623_20161123T111309_CO01 CS_OFFL_SIR_FDM_2_20161123T111623_20161123T113150_CO01 CS_OFFL_SIR_FDM_2_20161123T111623_20161123T113150_CO01 CS_OFFL_SIR_FDM_2_20161123T113659_CO01 CS_OFFL_SIR_FDM_2_20161123T113659_CO01 CS_OFFL_SIR_FDM_2_20161123T13654_20161123T13059_CO01 CS_OFFL_SIR_FDM_2_20161123T13654_20161123T13059_CO01 CS_OFFL_SIR_FDM_2_20161123T13654_20161123T13059_CO01 CS_OFFL_SIR_FDM_2_20161123T161921_20161123T16932_CO01 CS_OFFL_SIR_FDM_2_20161123T161921_20161123T16932_CO01 CS_OFFL_SIR_FDM_2_20161123T10525_20161123T16932_CO01 CS_OFFL_SIR_FDM_2_20161123T10525_20161123T10930_CO01 CS_OFFL_SIR_FDM_2_20161123T101525_20161123T10930_CO01 CS_OFFL_	CS_OFFL_SIR_FDM_220161123T084714_20161123T084819_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T103794_20161123T109734_C001 CS_OFFL_SIR_FDM_2_20161123T10339_20161123T111309_C001 CS_OFFL_SIR_FDM_2_20161123T111309_C001 CS_OFFL_SIR_FDM_2_20161123T111309_C001 CS_OFFL_SIR_FDM_2_20161123T111202_0161123T111309_C001 CS_OFFL_SIR_FDM_2_20161123T111202_0161123T111309_C001 CS_OFFL_SIR_FDM_2_20161123T111202_0161123T111309_C001 CS_OFFL_SIR_FDM_2_20161123T111202_0161123T111309_C001 CS_OFFL_SIR_FDM_2_20161123T111309_C001 CS_OFFL_SIR_FDM_2_20161123T111309_C001 CS_OFFL_SIR_FDM_2_20161123T112005_C001 CS_OFFL_SIR_FDM_2_20161123T112005_C001 CS_OFFL_SIR_FDM_2_20161123T112005_C001 CS_OFFL_SIR_FDM_2_20161123T135837_20161123T120000 CS_OFFL_SIR_FDM_2_20161123T135837_20161123T120000 CS_OFFL_SIR_FDM_2_20161123T133852_20161123T140055_C001 CS_OFFL_SIR_FDM_2_20161123T13135934_20161123T13230000 CS_OFFL_SIR_FDM_2_20161123T16212_20161123T140055_C001 CS_OFFL_SIR_FDM_2_20161123T16212_20161123T162932_C001 CS_OFFL_SIR_FDM_2_20161123T16212_20161123T162930_C001 CS_OFFL_SIR_FDM_2_20161123T16212_20161123T162930_C001 CS_OFFL_SIR_FDM_2_20161123T20543_20161123T205556_C001 CS_OFFL_SIR_FDM_2_20161123T20543_20161123T205500_C001 CS_OFFL_SIR_FDM_2_20161123T2133_20661123T2120000_C001 CS_OFFL_SIR_FDM_2_20161123T2133_20661123T2120000_C001 CS_OFFL_SIR_FDM_2_20161123T2133_20661123T2120000_C001 CS_OFFL_SIR_FDM_2_20161123T2133_20661123T220000_C001 CS_OFFL_SIR_FDM_2_20161123T2133_20661123T2120000_C001 CS_OFFL_SIR_FDM_2_20161123T20433_20161123T220000_C001 CFI Backscatter Slatus Flag, SWH Squared Averaging Slatus Flag SWH S	CS_OFFL_SIR_FDM_2_20161123T084823_20161123T090433_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
S_OFFL_SIR_FDM_2_20161123T10339_20161123T111309_C001 CS_OFFL_SIR_FDM_2_20161123T111393_20161123T111315_C001 CS_OFFL_SIR_FDM_2_20161123T111623_20161123T11212_C001 CS_OFFL_SIR_FDM_2_20161123T111353_20161123T12132_C001 CS_OFFL_SIR_FDM_2_20161123T11353_20161123T12132_C001 CS_OFFL_SIR_FDM_2_20161123T113634_20161123T21332_C001 CS_OFFL_SIR_FDM_2_20161123T13634_20161123T12132_C001 CS_OFFL_SIR_FDM_2_20161123T13634_20161123T12132_C001 CS_OFFL_SIR_FDM_2_20161123T13634_20161123T12132_C001 CS_OFFL_SIR_FDM_2_20161123T13634_20161123T12332_C001 CS_OFFL_SIR_FDM_2_20161123T136352_20161123T14065_C001 CS_OFFL_SIR_FDM_2_20161123T136352_20161123T14065_C001 CS_OFFL_SIR_FDM_2_20161123T16233_C001 CS_OFFL_SIR_FDM_2_20161123T16233_C001 CS_OFFL_SIR_FDM_2_20161123T16231_20161123T162332_C001 CS_OFFL_SIR_FDM_2_20161123T16921_20161123T162332_C001 CS_OFFL_SIR_FDM_2_20161123T16921_20161123T162332_C001 CS_OFFL_SIR_FDM_2_20161123T191525_20161123T194929_C001 CS_OFFL_SIR_FDM_2_20161123T191525_20161123T194929_C001 CS_OFFL_SIR_FDM_2_20161123T203513_C001 CS_OFFL_SIR_FDM_2_20161123T203513_C0	CS_OFFL_SIR_FDM_220161123T093744_20161123T095359_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
SOFFL_SIR_FDM_2_20161123T111039_20161123T113T1205_CO01 CS_OFFL_SIR_FDM_2_20161123T111623_20161123T13T121212_CO01 CS_OFFL_SIR_FDM_2_20161123T112405_20161123T13T1213T12213_CO01 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20161123T1523T_20161123T1523T_2001 CS_OFFL_SIR_FDM_2_20161123T161921_20161123T162932_CO01 CS_OFFL_SIR_FDM_2_20161123T191525_20161123T194929_CO01 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T194929_CO01 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T203559_CO01 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_CO01 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_CO01 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_CO01 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_CO01 CS_OFFL_SIR_FDM_2_20161123T21133_20161123T210930_CO01 CS_OFFL_SIR_FDM_2_20161123T21133_20161123T20012_CO01 CS_OFFL_SIR_FDM_2_20161123T2133_20161123T20012_CO01 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T200012_CO01 CS_OFFL_SIR_FDM_2_20161123T2133_20161123T200012_CO01 CS_OFFL_SIR_FDM_2_20161123T2133_20161123T200012_CO01 CS_OFFL_SIR_FDM_2_20161123T2133_20161123T200012_CO01 CS_OFFL_SIR_FDM_2_20161123T2133_20161123T2000012_CO01 CS_OFFL_SIR_FDM_2_20161123T2133_20161123T2000012_CO01 C	CS_OFFL_SIR_FDM_2_20161123T101714_20161123T102734_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
S_OFFL_SIR_FDM_2_20161123T1112121_C001 CS_OFFL_SIR_FDM_2_20161123T112405_20161123T113150_C001 CS_OFFL_SIR_FDM_2_20161123T11353T_20161123T122132_C001 CS_OFFL_SIR_FDM_2_20161123T132634_20161123T1232504_C001 CS_OFFL_SIR_FDM_2_20161123T132634_20161123T132659_C001 CS_OFFL_SIR_FDM_2_20161123T132634_20161123T132659_C001 CS_OFFL_SIR_FDM_2_20161123T132634_20161123T132659_C001 CS_OFFL_SIR_FDM_2_20161123T132634_20161123T132659_C001 CS_OFFL_SIR_FDM_2_20161123T132634_20161123T132659_C001 CS_OFFL_SIR_FDM_2_20161123T13253_C001 CS_OFFL_SIR_FDM_2_20161123T1323_C001 CS_OFFL_SIR_FDM_2_20161123T161921_20161123T16932_C001 CS_OFFL_SIR_FDM_2_20161123T161921_20161123T193250_C001 CS_OFFL_SIR_FDM_2_20161123T161921_20161123T193250_C001 CS_OFFL_SIR_FDM_2_20161123T191525_20161123T194929_C001 CS_OFFL_SIR_FDM_2_20161123T202311_20161123T1930568_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T1203568_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20558_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T205058_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T205000_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T205000_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T205000_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T205000_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T205000_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T205000_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T205000_C001 CS_OFFL_SIR_FDM_2_20161123T205431_2	CS_OFFL_SIR_FDM_2_20161123T110339_20161123T111309_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T112405_20161123T12132_C001 CS_OFFL_SIR_FDM_2_20161123T115837_20161123T12132_C001 CS_OFFL_SIR_FDM_2_20161123T136634_20161123T12132_C001 CS_OFFL_SIR_FDM_2_20161123T136634_20161123T13659_C001 CS_OFFL_SIR_FDM_2_20161123T13652_20161123T140055_C001 CS_OFFL_SIR_FDM_2_20161123T13652_20161123T140055_C001 CS_OFFL_SIR_FDM_2_20161123T151313_C001 CS_OFFL_SIR_FDM_2_20161123T151231_20161123T153132_C001 CS_OFFL_SIR_FDM_2_20161123T151231_20161123T153132_C001 CS_OFFL_SIR_FDM_2_20161123T16231_20161123T162932_C001 CS_OFFL_SIR_FDM_2_20161123T16123T162932_C001 CS_OFFL_SIR_FDM_2_20161123T191525_20161123T194929_C001 CS_OFFL_SIR_FDM_2_20161123T191525_20161123T194929_C001 CS_OFFL_SIR_FDM_2_20161123T203311_20161123T203568_C001 CS_OFFL_SIR_FDM_2_20161123T203311_20161123T203506_C001 CS_OFFL_SIR_FDM_2_20161123T203311_20161123T20300_C001 CS_OFFL_SIR_FDM_2_20161123T203311_20161123T210300_C001 CS_OFFL_SIR_FDM_2_20161123T203311_20161123T210300_C001 CS_OFFL_SIR_FDM_2_20161123T203311_20161123T210300_C001 CS_OFFL_SIR_FDM_2_20161123T21133_20161123T212120_C001 CS_OFFL_SIR_FDM_2_20161123T2133250_C0161123T232504_C001 CS_OFFL_SIR_FDM_2_20161123T21332505_C0161123T232504_C001 CS_OFFL_SIR_FDM_2_20161123T21332505_C0161123T232504_C001 CS_OFFL_SIR_FDM_2_20161123T21333_20161123T212120_C001 CS_OFFL_SIR_FDM_2_20161123T21333_20161123T212120_C001 CS_OFFL_SIR_FDM_2_20161123T21333_20161123T212120_C001 CS_OFFL_SIR_FDM_2_	CS_OFFL_SIR_FDM_2_20161123T111623_20161123T112121_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T115837_20161123T1232659_C001 CS_OFFL_SIR_FDM_2_20161123T132634_20161123T132659_C001 CS_OFFL_SIR_FDM_2_20161123T132634_20161123T140055_C001 CS_OFFL_SIR_FDM_2_20161123T133652_20161123T140055_C001 CS_OFFL_SIR_FDM_2_20161123T151231_20161123T153123_C001 CS_OFFL_SIR_FDM_2_20161123T151231_20161123T162932_C001 CS_OFFL_SIR_FDM_2_20161123T161921_20161123T162932_C001 CS_OFFL_SIR_FDM_2_20161123T191525_20161123T194929_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20558_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T200558_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T200558_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20005 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20000_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20000 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20000 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20000 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20000 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20000 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20000 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20000 CS_OFFL_SIR_FDM_2_20161123T21133_20161123T20000 CS_OFFL_SIR_FDM_2_20161123T2133232504_	CS_OFFL_SIR_FDM_2_20161123T112405_20161123T113150_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T132634_20161123T132659_C001 CS_OFFL_SIR_FDM_2_20161123T133652_20161123T140055_C001 CS_OFFL_SIR_FDM_2_20161123T151231_20161123T153123_C001 CS_OFFL_SIR_FDM_2_20161123T161231_20161123T203558_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T203558_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T210930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T210930_C001 CS_OFFL_SIR_FDM_2_20161123T211133_20161123T2102001 CS_OFFL_SIR_FDM_2_20161123T211133_20161123T2102001 CS_OFFL_SIR_FDM_2_20161123T211133_20161123T210120001 CS_OFFL_SIR_FDM_2_20161123T21133_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T21133_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T21133_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T	CS_OFFL_SIR_FDM_2_20161123T115837_20161123T122132_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T133652_20161123T153123_C001 CS_OFFL_SIR_FDM_2_20161123T151231_20161123T153123_C001 CS_OFFL_SIR_FDM_2_20161123T161921_20161123T162932_C001 CS_OFFL_SIR_FDM_2_20161123T191525_20161123T194929_C001 CS_OFFL_SIR_FDM_2_20161123T201311_20161123T194929_C001 CS_OFFL_SIR_FDM_2_20161123T202311_20161123T203558_C001 CS_OFFL_SIR_FDM_2_20161123T202311_20161123T200558_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20005 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20000000000000000000000000000000000	CS_OFFL_SIR_FDM_220161123T132634_20161123T132659_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T151231_20161123T151231_20011 CS_OFFL_SIR_FDM_2_20161123T161921_20161123T162932_C001 CS_OFFL_SIR_FDM_2_20161123T191525_20161123T194929_C001 CS_OFFL_SIR_FDM_2_20161123T202311_20161123T203558_C001 CS_OFFL_SIR_FDM_2_20161123T203511_20161123T203558_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T2120001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T20001 CS_OFFL_SIR_FDM_2_20161123T211133_20161123T2120_C001 CS_OFFL_SIR_FDM_2_20161123T21133_20161123T2120_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status	CS_OFFL_SIR_FDM_220161123T133652_20161123T140055_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T161921_20161123T194929_C001 CS_OFFL_SIR_FDM_2_20161123T191525_20161123T194929_C001 CS_OFFL_SIR_FDM_2_20161123T202311_20161123T203558_C001 CS_OFFL_SIR_FDM_2_20161123T202311_20161123T203558_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T2030_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T210930_C001 CS_OFFL_SIR_FDM_2_20161123T211133_20161123T2120_C001 CS_OFFL_SIR_FDM_2_20161123T211133_20161123T2120_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T2120_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T232504_C001 CS_OFFL_SIR_FDM_2_20161123T232325_20161123T232504_C001 CS_OFFL_SIR_FDM_2_20161123T232325_2016	CS_OFFL_SIR_FDM_220161123T151231_20161123T153123_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T191525_20161123T203558_C001 CS_OFFL_SIR_FDM_2_20161123T202311_20161123T203558_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T210930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T210930_C001 CS_OFFL_SIR_FDM_2_20161123T211133_20161123T21210_C001 CS_OFFL_SIR_FDM_2_20161123T211133_20161123T2120_C001 CS_OFFL_SIR_FDM_2_20161123T211133_20161123T2120_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20161123T232325_20161123T232504_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status	CS_OFFL_SIR_FDM_220161123T161921_20161123T162932_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T202311_20161123T210930_C001 CS_OFFL_SIR_FDM_2_20161123T205431_20161123T210930_C001 CS_OFFL_SIR_FDM_2_20161123T211133_20161123T2120_C001 CS_OFFL_SIR_FDM_2_20161123T211133_20161123T2120_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag	CS_OFFL_SIR_FDM_220161123T191525_20161123T194929_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T205431_20161123T210930_C001 CS_OFFL_SIR_FDM_2_20161123T211133_20161123T212120_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag CFI Backsca	CS_OFFL_SIR_FDM_220161123T202311_20161123T203558_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T211133_20161123T212120_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T232325_20161123T232504_C001 CS_OFFL_SIR_FDM_2_20161123T232325_20161123T232504_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20161123T232325_20161123T232504_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter	CS_OFFL_SIR_FDM_220161123T205431_20161123T210930_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T214333_20161123T220012_C001 CS_OFFL_SIR_FDM_2_20161123T232325_20161123T232504_C001 CS_OFFL_SIR_FDM_2_20161123T232325_20161123T232504_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag SQUARED Averaging Status Flag, SWH Squared Averaging Status Flag Squared Averaging Status Flag, SWH Squared Averaging Status Flag Squared	CS_OFFL_SIR_FDM_220161123T211133_20161123T212120_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T232325_20161123T232504_C001 Squared Averaging Status Flag indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.	CS_OFFL_SIR_FDM_220161123T214333_20161123T220012_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
	CS_OFFL_SIR_FDM_220161123T232325_20161123T232504_C001	0 .	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20161123T233502_20161123T235807_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_220161123T233502_20161123T235807_C001		indicating the values stored in fields #41, #42, #43 and #44 should be

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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220161123T001511_20161123T002135_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_220161123T002300_20161123T002642_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_220161123T010457_20161123T012846_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_220161123T020149_20161123T021144_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_220161123T021723_20161123T022647_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_220161123T024358_20161123T031107_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_220161123T031806_20161123T032045_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_220161123T033340_20161123T040612_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_220161123T045123_20161123T045202_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_220161123T045718_20161123T050050_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_220161123T051247_20161123T052153_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_220161123T052438_20161123T054611_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_220161123T065114_20161123T072451_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_220161123T074352_20161123T081527_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_220161123T083007_20161123T084232_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_220161123T084714_20161123T084819_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_220161123T084823_20161123T090433_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_220161123T092149_20161123T093530_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_220161123T093744_20161123T095359_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_220161123T101714_20161123T102734_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_220161123T110339_20161123T111309_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_220161123T111623_20161123T112121_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_220161123T112405_20161123T113150_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_220161123T115837_20161123T122132_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_220161123T132634_20161123T132659_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_220161123T133652_20161123T140055_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_220161123T151231_20161123T153123_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_220161123T161921_20161123T162932_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_220161123T175953_20161123T181128_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_220161123T183043_20161123T183215_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_220161123T183325_20161123T185810_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_220161123T191525_20161123T194929_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_220161123T200338_20161123T202256_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_220161123T202311_20161123T203558_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_220161123T205431_20161123T210930_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_220161123T211133_20161123T212120_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_220161123T214333_20161123T220012_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_220161123T224936_20161123T225003_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_220161123T232325_20161123T232504_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_220161123T233502_20161123T235807_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.
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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
SIR_FDM_1B	0	157	157	0	0
SIR_FDM_2	0	155	155	0	0

7.1 QCC Errors

Number of QCC reports with errors:

0

7.2 QCC Warnings

Number of QCC reports with warnings

0

7.3 Missing QCC Reports

Number of products with missing QCC reports:

0