



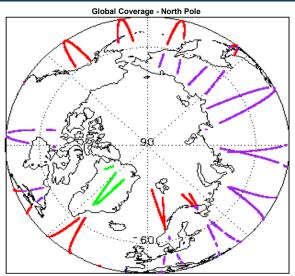
## 1. Overview

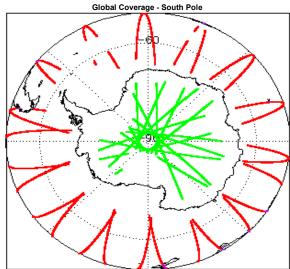
Report Production Date:	14-Mar-2016	
Processor Used:	CryoSat Ice Processor	
Data Used:	L1 and L2 Fast Delivery Marine (FDM)  Mode and L0 Data	

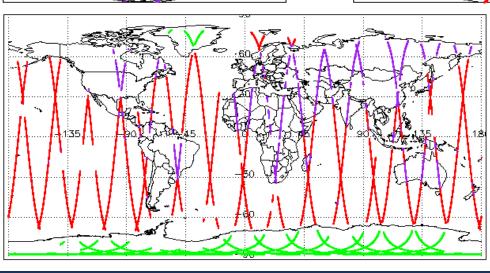
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary Data File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

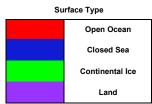
Mission / Instrument News		
12-Mar-2016	None	
13-Mar-2016	None	
14-Mar-2016	Nothing planned	

# 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

# 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_020160313T182533_20160313T182714_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160313T155500_20160313T155632_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160313T090058_20160313T090539_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160313T191935_20160313T192718_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160313T190523_20160313T191153_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160313T082847_20160313T083204_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SAR_020160313T212022_20160313T212502_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160313T110636_20160313T110740_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR1SIN_020160313T001259_20160313T001458_0001.HDR	Percentage of processing errors detected greater than minimum acceptable threshold.
CS_OPER_SIR2SIN_020160313T060950_20160313T061054_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_20160313T140834_20160313T141520_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160313T155056_20160313T155212_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160313T173030_20160313T173055_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20160313T205423_20160313T205530_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:

#### 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_20160313T140834_20160313T141520_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160313T155056_20160313T155212_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160313T173030_20160313T173055_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20160313T205423_20160313T205530_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).

0

Number of products with errors: 0

#### 6.2 L2 FDM Product Header Analysis

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

### 6.3 L2 FDM Auxiliary Data File Usage Check

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

Number of products with errors:

# 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:

42

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160313T002525_20160313T005254_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
CS_OFFL_SIR_FDM_2_20160313T013216_20160313T015217_C001	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
S OFFL SIR FDM 2 20160313T022240 20160313T023234 C001	Wind Speed Sea State Bias Correction	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
S_OFFL_SIR_FDM_220160313T030453_20160313T033147_C001	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
S_OFFL_SIR_FDM_220160313T034438_20160313T035622_C001	Wind Speed	Correction for one or more records
S_OFFL_SIR_FDM_220160313T040016_20160313T041939_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
S_OFFL_SIR_FDM_220160313T052334_20160313T054637_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
S_OFFL_SIR_FDM_220160313T054923_20160313T055807_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
S_OFFL_SIR_FDM_220160313T062158_20160313T065020_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
S_OFFL_SIR_FDM_220160313T070243_20160313T073623_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
S_OFFL_SIR_FDM_220160313T080213_20160313T082506_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
S_OFFL_SIR_FDM_220160313T082819_20160313T082847_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
S_OFFL_SIR_FDM_220160313T084318_20160313T090057_C001	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
S_OFFL_SIR_FDM_220160313T090539_20160313T091353_C001	Sea State Bias Correction  Sea State Bias Correction, Altimetric	records There is an error with the Altimetric Wind Speed and Sea State Bias
S_OFFL_SIR_FDM_220160313T091916_20160313T091924_C001	Wind Speed	Correction for one or more records
S_OFFL_SIR_FDM_220160313T095151_20160313T100631_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
S_OFFL_SIR_FDM_220160313T102223_20160313T103800_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
S_OFFL_SIR_FDM_220160313T104001_20160313T104922_C001	Sea State Bias Correction, Mean Sea Surface height, Altimetric Wind Speed	There is an error with the Sea State Bias Correction, Mean Sea Surface height and Altimetric Wind Speed for one or more records
S_OFFL_SIR_FDM_220160313T111733_20160313T112851_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
S_OFFL_SIR_FDM_220160313T113354_20160313T114904_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
S_OFFL_SIR_FDM_220160313T120147_20160313T121910_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
S_OFFL_SIR_FDM_220160313T122054_20160313T122450_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
S_OFFL_SIR_FDM_220160313T125051_20160313T125104_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
S_OFFL_SIR_FDM_2_20160313T130434_20160313T132758_C001	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
S_OFFL_SIR_FDM_220160313T140514_20160313T140641_C001	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 Sea State Bias Correction, Altimetric	Correction for one or more records  There is an error with the Altimetric Wind Speed and Sea State Bias
S_OFFL_SIR_FDM_220160313T145510_20160313T150654_C001	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
S_OFFL_SIR_FDM_220160313T152003_20160313T154900_C001	Wind Speed	Correction for one or more records
S_OFFL_SIR_FDM_220160313T155632_20160313T155824_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
S_OFFL_SIR_FDM_220160313T161129_20160313T164614_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
S_OFFL_SIR_FDM_220160313T165832_20160313T170458_C001	Mean Sea Surface height	There is an error with the Mean Sea Surface Height for one or more records
S_OFFL_SIR_FDM_220160313T172919_20160313T172952_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
S_OFFL_SIR_FDM_220160313T175114_20160313T175942_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
S_OFFL_SIR_FDM_220160313T180227_20160313T182532_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
S_OFFL_SIR_FDM_220160313T192957_20160313T200330_C001	Sea State Bias Correction, Altimetric	There is an error with the Altimetric Wind Speed and Sea State Bias
S OFFL SIR FDM 2 20160313T201651 20160313T201851 C001	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
S OFFL SIR FDM 2 20160313T211303 20160313T212021 C001	Wind Speed Sea State Bias Correction	Correction for one or more records There is an error with the Sea State Bias Correction for one or more
S_OFFL_SIR_FDM_220160313T212618_20160313T214248_C001	Sea State Bias Correction, Altimetric	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
S_OFFL_SIR_FDM_220160313T215937_20160313T221322_C001	Wind Speed	Correction for one or more records  There is an error with the Sea State Bias Correction for one or more
S_OFFL_SIR_FDM_220160313T221536_20160313T222709_C001	Sea State Bias Correction Altimetric	records
CS_OFFL_SIR_FDM_220160313T225504_20160313T230521_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_220160313T234122_20160313T235108_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_220160313T235408_20160313T235914_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_220160313T140834_20160313T141520_C001	Attitude correction missing	The attitude has not been corrected

CS_OFFL_SIR_FDM_220160313T155056_20160313T155212_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160313T173030_20160313T173055_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220160313T205423_20160313T205530_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:

25

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160313T002525_20160313T005254_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_220160313T013216_20160313T015217_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_220160313T030453_20160313T033147_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_220160313T070243_20160313T073623_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_220160313T080213_20160313T082506_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_220160313T084318_20160313T090057_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_220160313T095151_20160313T100631_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_220160313T102223_20160313T103800_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_220160313T104001_20160313T104922_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_220160313T111733_20160313T112851_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_220160313T113354_20160313T114904_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_220160313T120147_20160313T121910_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_220160313T122054_20160313T122450_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_220160313T125051_20160313T125104_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_220160313T130434_20160313T132758_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_220160313T140514_20160313T140641_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_220160313T152003_20160313T154900_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_220160313T155632_20160313T155824_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_220160313T161129_20160313T164614_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_220160313T192957_20160313T200330_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_220160313T212618_20160313T214248_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_220160313T215937_20160313T221322_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_220160313T225504_20160313T230521_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_220160313T234122_20160313T235108_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_220160313T235408_20160313T235914_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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160313T002525_20160313T005254_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_220160313T013216_20160313T015217_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_220160313T030453_20160313T033147_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_20160313T108242_0160313T10805C_COD1  CS_OFFL_SIR_FDM_2_20160313T080438_20160313T10805C_COD1  CS_OFFL_SIR_FDM_2_20160313T080438_20160313T10805C_COD1  CS_OFFL_SIR_FDM_2_20160313T1080515_0160313T10805C_COD1  CS_OFFL_SIR_FDM_2_20160313T1080515_0160313T10805C_COD1  CS_OFFL_SIR_FDM_2_20160313T1080515_0160313T10805C_COD1  CS_OFFL_SIR_FDM_2_20160313T1080515_0160313T10805C_COD1  CS_OFFL_SIR_FDM_2_20160313T1080515_0160313T10805C_COD1  CS_OFFL_SIR_FDM_2_20160313T1080515_0160313T10805C_COD1  CS_OFFL_SIR_FDM_2_20160313T1080515_0160313T110805_COD1  CS_OFFL_SIR_FDM_2_20160313T110805_COD1  CS_OFFL	CS_OFFL_SIR_FDM_220160313T070243_20160313T073623_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.
CF EBASCARTE STATUS PAD. 2.0160313T105051_20160313T105051_C001  CS_OFFL_SIR_FDM_2_20160313T102232_20160313T103000_C001  CS_OFFL_SIR_FDM_2_20160313T102232_20160313T103000_C001  CS_OFFL_SIR_FDM_2_20160313T10223_20160313T103000_C001  CS_OFFL_SIR_FDM_2_20160313T10223_20160313T103000_C001  CS_OFFL_SIR_FDM_2_20160313T104001_20160313T10492_C001  CS_OFFL_SIR_FDM_2_20160313T104001_20160313T10492_C001  CS_OFFL_SIR_FDM_2_20160313T104001_20160313T112851_C001  CS_OFFL_SIR_FDM_2_20160313T112851_C001  CS_OFFL_SIR_FDM_2_20160313T1120542_20160313T112851_C001  CS_OFFL_SIR_FDM_2_20160313T1120547_20160313T112910_C001  CS_OFFL_SIR_FDM_2_20160313T10407_20160313T112910_C001  CS_OFFL_SIR_FDM_2_20160313T120547_20160313T122450_C001  CS_OFFL_SIR_FDM_2_20160313T120547_20160313T122501_C001  CS_OFFL_SIR_FDM_2_20160313T120547_20160313T122500_C001  CS_OFFL_SIR_FDM_2_20160313T120547_20160313T122500_C001  CS_OFFL_SIR_FDM_2_20160313T120547_20160313T122500_C001  CS_OFFL_SIR_FDM_2_20160313T120547_20160313T122500_C001  CS_OFFL_SIR_FDM_2_20160313T122054_20160313T122500_C001  CS_OFFL_SIR_FDM_2_20160313T125051_20160313T122500_C001  CS_OFFL_SIR_FDM_2_20160313T125051_20160313T122500_C001  CS_OFFL_SIR_FDM_2_20160313T125051_20160313T125000_C001  CS_OFFL_SIR_FDM_2_20160313T125003_20160313T125000_C001  CS_OFFL_SIR_FDM_2_20160313T125003_20160313T125000_C001  CS_OFFL_SIR_FDM_2_20160313T155003_20160313T125000_C001  CS_OFFL_SIR_FDM_2_20160313T155003_20160313T125000_C001  CS_OFFL_SIR_FDM_2_20160313T155003_20160313T155000_C001  CS_OFFL_SIR_FDM_2_20160313T155003_2016031	CS_OFFL_SIR_FDM_220160313T080213_20160313T082506_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160313T102032_20160313T103800_C001  CS_OFFL_SIR_FDM_2_20160313T102032_20160313T104020_C001  CS_OFFL_SIR_FDM_2_20160313T104001_20160313T104020_C001  CS_OFFL_SIR_FDM_2_20160313T11033_20160313T104001_C001  CS_OFFL_SIR_FDM_2_20160313T11033_20160313T1104001_C001  CS_OFFL_SIR_FDM_2_20160313T1104001_20160313T1104001_C001  CS_OFFL_SIR_FDM_2_20160313T1104001_20160313T1104001_C001  CS_OFFL_SIR_FDM_2_20160313T1104001_20160313T1104001_C001  CS_OFFL_SIR_FDM_2_20160313T1104001_20160313T1104001_C001  CS_OFFL_SIR_FDM_2_20160313T110407_20160313T1104001_C001  CS_OFFL_SIR_FDM_2_20160313T110001_T0001  CS	CS_OFFL_SIR_FDM_220160313T084318_20160313T090057_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_201603137102222_201603137104022_C001  CS_OFFL_SIR_FDM_2_201603137104001_201603137104022_C001  CS_OFFL_SIR_FDM_2_2016031371104001_201603137104022_C001  CS_OFFL_SIR_FDM_2_201603137111733_201603137112851_C001  CS_OFFL_SIR_FDM_2_201603137113354_201603137112851_C001  CS_OFFL_SIR_FDM_2_201603137112047_201603137112900_C001  CS_OFFL_SIR_FDM_2_201603137112047_201603137121910_C001  CS_OFFL_SIR_FDM_2_201603137112054_201603137122400_C001  CS_OFFL_SIR_FDM_2_201603137112054_201603137122600_C001  CS_OFFL_SIR_FDM_2_201603137112054_201603137122600_C001  CS_OFFL_SIR_FDM_2_201603137130434_20160313712600_C001  CS_OFFL_SIR_FDM_2_201603137130434_201603137130400_C001  CS_OFFL_SIR_FDM_2_201603137130434_201603137130400_C001  CS_OFFL_SIR_FDM_2_201603137130434_201603137130400_C001  CS_OFFL_SIR_FDM_2_201603137130434_201603137130500_C001  CS_OFFL_SIR_FDM_2_201603137130434_201603137130500_C001  CS_OFFL_SIR_FDM_2_201603137130434_201603137130500_C001  CS_OFFL_SIR_FDM_2_201603137140514_201603137140600_C001  CS_OFFL_SIR_FDM_2_201603137140	CS_OFFL_SIR_FDM_220160313T095151_20160313T100631_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
SCPFL_SIR_FDM_2_20160313T104001_20160313T114891_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag SWH Squared Status Flag S	CS_OFFL_SIR_FDM_220160313T102223_20160313T103800_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160313T11293_20160313T112961_C001  CS_OFFL_SIR_FDM_2_20160313T112047_20160313T121910_C001  CS_OFFL_SIR_FDM_2_20160313T12047_20160313T12910_C001  CS_OFFL_SIR_FDM_2_20160313T12047_20160313T122450_C001  CS_OFFL_SIR_FDM_2_20160313T120551_20160313T122504_C001  CS_OFFL_SIR_FDM_2_20160313T120551_20160313T125104_C001  CS_OFFL_SIR_FDM_2_20160313T120551_20160313T125104_C001  CS_OFFL_SIR_FDM_2_20160313T120551_20160313T125104_C001  CS_OFFL_SIR_FDM_2_20160313T120551_20160313T125050_C001  CS_OFFL_SIR_FDM_2_20160313T1205051_20160313T140541_C001  CS_OFFL_SIR_FDM_2_20160313T140541_20160313T140641_C001  CS_OFFL_SIR_FDM_2_20160313T140541_20160313T140641_C001  CS_OFFL_SIR_FDM_2_20160313T140541_20160313T1460641_C001  CS_OFFL_SIR_FDM_2_20160313T140541_20160313T146060_C001  CS_OFFL_SIR_FDM_2_20160313T16030_20160313T156804_C001  CS_OFFL_SIR_FDM_2_20160313T16030_20160313T156804_C001  CS_OFFL_SIR_FDM_2_20160313T16033_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T16033_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T16033_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T16033_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T16033_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T16033_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T16033_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T16033_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T16033_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T164031_C00330_C001  CS_OFFL_SIR_FDM_2_20160313T16403_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T16403_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T16403_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T16403_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T16403_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T16403_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T164000_C001  CS_OFFL_SIR_FDM_2_20160313T164000_C001  CS	CS_OFFL_SIR_FDM_220160313T104001_20160313T104922_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160313T120147_20160313T121910_C001  CS_OFFL_SIR_FDM_2_20160313T120147_20160313T129450_C001  CS_OFFL_SIR_FDM_2_20160313T120551_20160313T12450_C001  CS_OFFL_SIR_FDM_2_20160313T120551_20160313T125450_C001  CS_OFFL_SIR_FDM_2_20160313T120551_20160313T125450_C001  CS_OFFL_SIR_FDM_2_20160313T125051_20160313T125450_C001  CS_OFFL_SIR_FDM_2_20160313T125051_20160313T125450_C001  CS_OFFL_SIR_FDM_2_20160313T125051_20160313T125756_C001  CS_OFFL_SIR_FDM_2_20160313T125051_20160313T137556_C001  CS_OFFL_SIR_FDM_2_20160313T140514_20160313T140514_C001  CS_OFFL_SIR_FDM_2_20160313T140514_20160313T140514_C001  CS_OFFL_SIR_FDM_2_20160313T152003_20160313T159504_C001  CS_OFFL_SIR_FDM_2_20160313T155632_20160313T155632_C0160313T156400_C001  CS_OFFL_SIR_FDM_2_20160313T161129_20160313T164054_C001  CS_OFFL_SIR_FDM_2_20160313T161129_20160313T164054_C001  CS_OFFL_SIR_FDM_2_20160313T161129_20160313T164054_C001  CS_OFFL_SIR_FDM_2_20160313T161129_20160313T164054_C001  CS_OFFL_SIR_FDM_2_20160313T164054_C001  CS_OFFL_SIR_FDM_2_20160313T24268_C001  CS_OFFL_S	CS_OFFL_SIR_FDM_220160313T111733_20160313T112851_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160313T120147_20160313T122450_C001  CS_OFFL_SIR_FDM_2_20160313T122450_C001  CS_OFFL_SIR_FDM_2_20160313T125051_20160313T122450_C001  CS_OFFL_SIR_FDM_2_20160313T125051_20160313T125104_C001  CS_OFFL_SIR_FDM_2_20160313T130434_20160313T132758_C001  CS_OFFL_SIR_FDM_2_20160313T130434_20160313T132758_C001  CS_OFFL_SIR_FDM_2_20160313T140514_20160313T140641_C001  CS_OFFL_SIR_FDM_2_20160313T15003_20160313T140641_C001  CS_OFFL_SIR_FDM_2_20160313T150303_20160313T154900_C001  CS_OFFL_SIR_FDM_2_20160313T155632_20160313T156902_C001  CS_OFFL_SIR_FDM_2_20160313T16593_20160313T166129_20160313T166129_20160313T166129_20160313T166129_20160313T1225504_2001  CS_OFFL_SIR_FDM_2_20160313T1225504_20160313T124248_C001  CS_OFFL_SIR_FDM_2_20160313T125037_20160313T22322_C001  CS_OFFL_SIR_FDM_2_20160313T215937_20160313T2235108_C001  CS_OFFL_SIR_FDM_2_20160313T225504_20160313T2355108_C001  CS_OFFL_SIR_FDM_2_20160313T2354402_20160313T2355108_C001  CS_OFFL_SIR_FDM_2_20160313T2354402_20160313T235504_2016	CS_OFFL_SIR_FDM_220160313T113354_20160313T114904_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160313T122654_20160313T122450_C001  CS_OFFL_SIR_FDM_2_20160313T125051_20160313T125104_C001  CS_OFFL_SIR_FDM_2_20160313T130434_20160313T13758_C001  CS_OFFL_SIR_FDM_2_20160313T130434_20160313T13758_C001  CS_OFFL_SIR_FDM_2_20160313T130434_20160313T140641_C001  CS_OFFL_SIR_FDM_2_20160313T140514_20160313T140641_C001  CS_OFFL_SIR_FDM_2_20160313T150303_20160313T154900_C001  CS_OFFL_SIR_FDM_2_20160313T150303_20160313T154900_C001  CS_OFFL_SIR_FDM_2_20160313T161129_20160313T156824_C001  CS_OFFL_SIR_FDM_2_20160313T161129_20160313T156824_C001  CS_OFFL_SIR_FDM_2_20160313T161129_20160313T120330_C001  CS_OFFL_SIR_FDM_2_20160313T12957_20160313T20330_C001  CS_OFFL_SIR_FDM_2_20160313T12508_20160313T225504_20160313T235508_C001  CS_OFFL_SIR_FDM_2_20160313T235504_20160313T235518_C001  CS_OFFL_SIR_FDM_2_20160313T2352504_20160313T235518_C001  CS_OFFL_SIR_FDM_2_20160313T235508_20160313T235518_C001  CS_OFFL_SIR_FDM_2_20160313T235128_C001  CS_OFFL_SIR_FDM_2_20160313T235508_20160313T235518_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_C001  CS_OFFL_SIR_FDM_2_20160313T235408_	CS_OFFL_SIR_FDM_220160313T120147_20160313T121910_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160313T125051_20160313T125104_C001  CS_OFFL_SIR_FDM_2_20160313T130434_20160313T132758_C001  CS_OFFL_SIR_FDM_2_20160313T130434_20160313T132758_C001  CS_OFFL_SIR_FDM_2_20160313T140514_20160313T140641_C001  CS_OFFL_SIR_FDM_2_20160313T15003_20160313T154000_C001  CS_OFFL_SIR_FDM_2_20160313T155632_20160313T155824_C001  CS_OFFL_SIR_FDM_2_20160313T155632_20160313T155824_C001  CS_OFFL_SIR_FDM_2_20160313T152033_C00133T156401_C001  CS_OFFL_SIR_FDM_2_20160313T152033_C001  CS_OFFL_SIR_FDM_2_20160313T152033_C001  CS_OFFL_SIR_FDM_2_20160313T152033_C001  CS_OFFL_SIR_FDM_2_20160313T152057_20160313T20333_C001  CS_OFFL_SIR_FDM_2_20160313T12618_20160313T214248_C001  CS_OFFL_SIR_FDM_2_20160313T215577_20160313T21322_C001  CS_OFFL_SIR_FDM_2_20160313T215577_20160313T235108_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235108_C001  CS_OFFL_SIR_FDM_2_20160313T234402_20160313T235408_20160313T235914_C001  CS_OFFL_SIR_FDM_2_20160313T234408_20160313T235914_C001  CS_OFFL_SIR_FDM_2_20160313T234408_20160313T235914_C001  CS_OFFL_SIR_FDM_2_20160313T234408_20160313T235914_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235914_C001  CS_OFFL_SIR_FDM_2_20160313T234408_20160313T235914_C001  CS_OFFL_SIR_FDM_2_20160313T234408_20160313T235914_C001  CS_OFFL_SIR_FDM_2_20160313T234408_20160313T235914_C001  CS_OFFL_SIR_FDM_2_20160313T234408_20160313T235914_C001  CS_OFFL_SIR_FDM_2_20160313T234408_20160313T235914_C001  CS_OFFL_SIR_FDM_2_20160313T234408_20160313T235914_C001  CS_OFFL_SIR_FDM_2_20160313T234408_20160313T235914_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20160313T234408_20160313T235914_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20160313T234408_20160313T235914_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 Stat	CS_OFFL_SIR_FDM_220160313T122054_20160313T122450_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20160313T130434_20160313T130434_20160313T140641_CO01  CS_OFFL_SIR_FDM_2_20160313T140514_20160313T140641_CO01  CS_OFFL_SIR_FDM_2_20160313T152003_20160313T154900_CO01  CS_OFFL_SIR_FDM_2_20160313T152003_20160313T154900_CO01  CS_OFFL_SIR_FDM_2_20160313T155632_20160313T155824_CO01  CS_OFFL_SIR_FDM_2_20160313T155632_20160313T155824_CO01  CS_OFFL_SIR_FDM_2_20160313T161129_20160313T164614_CO01  CS_OFFL_SIR_FDM_2_20160313T195957_20160313T100330_CO01  CS_OFFL_SIR_FDM_2_20160313T192957_20160313T1200330_CO01  CS_OFFL_SIR_FDM_2_20160313T1212618_20160313T214248_CO01  CS_OFFL_SIR_FDM_2_20160313T1212618_20160313T214248_CO01  CS_OFFL_SIR_FDM_2_20160313T212618_20160313T214248_CO01  CS_OFFL_SIR_FDM_2_20160313T212618_20160313T214248_CO01  CS_OFFL_SIR_FDM_2_20160313T212618_20160313T214248_CO01  CS_OFFL_SIR_FDM_2_20160313T212618_20160313T214248_CO01  CS_OFFL_SIR_FDM_2_20160313T212618_20160313T235052_CO01  CS_OFFL_SIR_FDM_2_20160313T225504_20160313T235108_CO01  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235108_CO01  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235108_CO01  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235914_CO01  CCS_OFFL_SIR_FDM_2_20160313T235408_20160313T235914_CO01  CCS_OFFL_SIR_FDM_2_20160313T235408_20160313T235914_C	CS_OFFL_SIR_FDM_2_20160313T125051_20160313T125104_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20160313T140514_20160313T140641_CO01  CS_OFFL_SIR_FDM_2_20160313T152003_20160313T154900_CO01  CS_OFFL_SIR_FDM_2_20160313T155632_20160313T155824_CO01  CS_OFFL_SIR_FDM_2_20160313T155632_20160313T155824_CO01  CS_OFFL_SIR_FDM_2_20160313T161129_20160313T164614_CO01  CS_OFFL_SIR_FDM_2_20160313T161129_20160313T100330_CO01  CS_OFFL_SIR_FDM_2_20160313T192957_20160313T20330_CO01  CS_OFFL_SIR_FDM_2_20160313T21568_20160313T214248_CO01  CS_OFFL_SIR_FDM_2_20160313T215937_20160313T21322_CO01  CS_OFFL_SIR_FDM_2_20160313T215937_20160313T233521_CO01  CS_OFFL_SIR_FDM_2_20160313T25504_20160313T235508_CO01  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_CO01  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_CO01  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_CO01  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_CO01  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_CO01  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_CO01  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_CO01  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235518_CO01  CS_OFFL_SIR_FDM_2_20160313T235508_20160313T235518_CO01  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 CMIN CONTROL SHAPP CONTROL SHAPP CONT	CS_OFFL_SIR_FDM_2_20160313T130434_20160313T132758_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20160313T152003_20160313T154900_C001  CS_OFFL_SIR_FDM_2_20160313T155632_20160313T155824_C001  CS_OFFL_SIR_FDM_2_20160313T155632_20160313T155824_C001  CS_OFFL_SIR_FDM_2_20160313T161129_20160313T164614_C001  CS_OFFL_SIR_FDM_2_20160313T161129_20160313T164614_C001  CS_OFFL_SIR_FDM_2_20160313T192957_20160313T200330_C001  CS_OFFL_SIR_FDM_2_20160313T192957_20160313T200330_C001  CS_OFFL_SIR_FDM_2_20160313T212618_20160313T214248_C001  CS_OFFL_SIR_FDM_2_20160313T212618_20160313T21322_C001  CS_OFFL_SIR_FDM_2_20160313T215937_20160313T221322_C001  CS_OFFL_SIR_FDM_2_20160313T225504_20160313T235518_C001  CS_OFFL_SIR_FDM_2_20160313T2354122_20160313T235518_C001  CS_OFFL_SIR_FDM_2_20160313T235508_20160313T235914_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235914_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  CS_OFFL_SIR_FDM_2_20160313T215937_20160313T235108_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235914_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	CS_OFFL_SIR_FDM_220160313T140514_20160313T140641_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160313T155632_20160313T155824_C001  CS_OFFL_SIR_FDM_2_20160313T161129_20160313T164614_C001  CS_OFFL_SIR_FDM_2_20160313T161129_20160313T164614_C001  CS_OFFL_SIR_FDM_2_20160313T192957_20160313T20330_C001  CS_OFFL_SIR_FDM_2_20160313T192957_20160313T20330_C001  CS_OFFL_SIR_FDM_2_20160313T212618_20160313T214248_C001  CS_OFFL_SIR_FDM_2_20160313T212618_20160313T214248_C001  CS_OFFL_SIR_FDM_2_20160313T215937_20160313T221322_C001  CS_OFFL_SIR_FDM_2_20160313T25504_20160313T235504_C0160313T235508_C001  CS_OFFL_SIR_FDM_2_20160313T235504_20160313T235108_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235914_C001  CS_OFFL_SIR_FDM_2	CS_OFFL_SIR_FDM_220160313T152003_20160313T154900_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160313T161129_20160313T164614_C001  CS_OFFL_SIR_FDM_2_20160313T192957_20160313T200330_C001  CS_OFFL_SIR_FDM_2_20160313T212618_20160313T214248_C001  CS_OFFL_SIR_FDM_2_20160313T215937_20160313T221322_C001  CS_OFFL_SIR_FDM_2_20160313T25504_20160313T235108_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235108_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235108_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235104_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235104_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235104_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235104_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235914_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  Indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.  The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.  The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.  The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20160313T235108_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 Fla	CS_OFFL_SIR_FDM_220160313T155632_20160313T155824_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20160313T212618_20160313T214248_C001  CS_OFFL_SIR_FDM_2_20160313T212618_20160313T214248_C001  CS_OFFL_SIR_FDM_2_20160313T215937_20160313T221322_C001  CS_OFFL_SIR_FDM_2_20160313T225504_20160313T235108_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T23514_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T23514_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, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CFI Backscatter Status Flag  Indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.  The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.	CS_OFFL_SIR_FDM_2_20160313T161129_20160313T164614_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160313T212618_20160313T214248_C001  CS_OFFL_SIR_FDM_2_20160313T215937_20160313T221322_C001  CS_OFFL_SIR_FDM_2_20160313T225504_20160313T235108_C001  CS_OFFL_SIR_FDM_2_20160313T235108_C001  CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235914_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  Indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.  The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.	CS_OFFL_SIR_FDM_220160313T192957_20160313T200330_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20160313T215937_20160313T221322_C001  CFI Backscatter Status Flag Squared Averaging Status Flag 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_2_20160313T225504_20160313T230521_C001  CFI Backscatter Status Flag Squared Averaging Status Flag Indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.  The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.  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_220160313T212618_20160313T214248_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20160313T235504_20160313T235514_C001  CS_OFFL_SIR_FDM_2_20160313T235108_C001  CS_OFFL_SIR_FDM_2_20160313T234122_20160313T235108_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  Indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.  The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.  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_220160313T215937_20160313T221322_C001		indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20160313T234122_20160313T235108_C001  CFI Backscatter Status Flag. SWH Squared Averaging Status Flag  CFI_Backscatter Status Flag  indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.  CFI_Backscatter Status Flag  CFI_Backscatter Status Flag  CFI_Backscatter Status Flag  indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.  CFI_Backscatter Status Flag  CFI_Backscatter Status Flag  indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.	CS_OFFL_SIR_FDM_220160313T225504_20160313T230521_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235914_C001	CS_OFFL_SIR_FDM_220160313T234122_20160313T235108_C001		indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
	CS_OFFL_SIR_FDM_2_20160313T235408_20160313T235914_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:

39

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220160313T002525_20160313T005254_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_220160313T013216_20160313T015217_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_220160313T0222240_20160313T023234_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_220160313T030453_20160313T033147_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_220160313T040016_20160313T041939_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_220160313T052334_20160313T054637_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_220160313T062158_20160313T065020_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_220160313T070243_20160313T073623_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_220160313T080213_20160313T082506_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_220160313T084318_20160313T090057_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_220160313T090539_20160313T091353_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_220160313T095151_20160313T100631_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_220160313T102223_20160313T103800_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_220160313T104001_20160313T104922_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_220160313T111733_20160313T112851_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_220160313T113354_20160313T114904_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.

CS_OFFL_SIR_FDM_2_20160313T120147_20160313T121910_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T122054_20160313T122450_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T125051_20160313T125104_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T130052_20160313T130422_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_2_20160313T130434_20160313T132758_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T134053_20160313T140509_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T140514_20160313T140641_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T145510_20160313T150654_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T152003_20160313T154900_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T155632_20160313T155824_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T161129_20160313T164614_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T172919_20160313T172952_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_2_20160313T175114_20160313T175942_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T180227_20160313T182532_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T192957_20160313T200330_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T202142_20160313T205252_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T211303_20160313T212021_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T212502_20160313T212603_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T212618_20160313T214248_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_2_20160313T215937_20160313T221322_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_2_20160313T225504_20160313T230521_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_2_20160313T234122_20160313T235108_C001	Ocean Retracking Quality Flag
CS_OFFL_SIR_FDM_220160313T235408_20160313T235914_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 The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.