

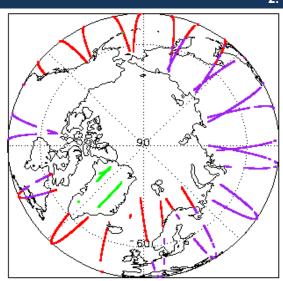
## 1. Overview

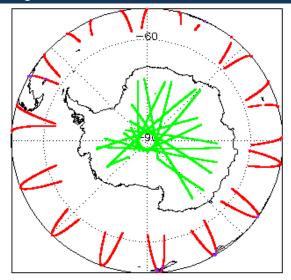
Report Production Date:	13-Nov-2020
Processor Used:	CryoSat Ice Processor
Data Used:	L1 and L2 Fast Delivery Marine (FDM)  Mode and L0 Data

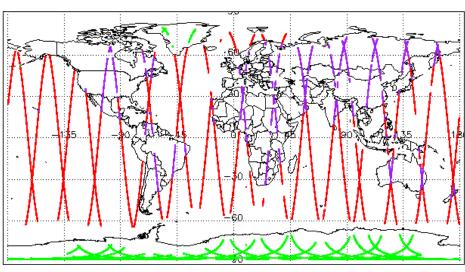
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 4.2, 5.2 and 6.2
Star Tracker Usage Check	See Section 5.3
Calibration Usage Check	Nominal
Auxiliary 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
QCC Error/ Warning Check	See Section 7.1 and 7.2

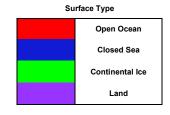
Mission / Ins	trument News
11-Nov-202	None
12-Nov-202	None
13-Nov-202	Nothing planned

# 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

#### 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.

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Number of products with errors:

Product CS OPER SIR1LRM 0 20201112T095846 20201112T100006 0001.DBL Percentage of processing errors detected greater than minimum acceptable threshold CS\_OPER\_SIR1LRM\_0\_\_20201112T142434\_20201112T144725\_0001.DBL Percentage of processing errors detected greater than minimum acceptable threshold CS OPER SIR1LRM 0 20201112T234938 20201112T234957 0001.DBL Percentage of processing errors detected greater than minimum acceptable threshold. CS\_OPER\_SIR1SAR\_0\_\_20201112T004650\_20201112T005430\_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS\_OPER\_SIR1SAR\_0\_\_20201112T040216\_20201112T040252\_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold CS\_OPER\_SIR1SAR\_0\_\_20201112T104612\_20201112T105305\_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS\_OPER\_SIR1SAR\_0\_\_20201112T190944\_20201112T192010\_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold CS\_OPER\_SIR1SIN\_0\_\_20201112T031711\_20201112T032101\_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS\_OPER\_SIR1SIN\_0\_\_20201112T102301\_20201112T102410\_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS\_OPER\_SIR1SIN\_0\_\_20201112T145928\_20201112T150046\_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold.  ${\tt CS\_OPER\_SIR2SIN\_0\_20201112T005430\_20201112T005914\_0001.HDR}$ Percentage of processing errors detected greater than minimum acceptable threshold CS\_OPER\_SIR2SIN\_0\_\_20201112T040521\_20201112T040557\_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold CS\_OPER\_SIR2SIN\_0\_\_20201112T072346\_20201112T072600\_0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. CS OPER SIR2SIN 0 20201112T113913 20201112T114252 0001.HDR Percentage of processing errors detected greater than minimum acceptable threshold. Percentage of processing errors detected greater than minimum acceptable threshold

## 5. Level 1B FDM Data Quality Check

#### 5.1 L1B FDM Product Format Check

CS\_OPER\_SIR2SIN\_0\_\_20201112T123927\_20201112T124057\_0001.HDR

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:

Product	Test Failed
CS_OFFL_SIR_FDM_1B_20201112T021538_20201112T022242_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20201112T022242_20201112T022505_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20201112T035910_20201112T040015_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20201112T040015_20201112T040216_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20201112T071752_20201112T072142_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20201112T072142_20201112T072226_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20201112T124434_20201112T130530_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20201112T130619_20201112T130811_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20201112T131259_20201112T131636_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20201112T131644_20201112T131653_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20201112T131659_20201112T132026_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20201112T132411_20201112T135111_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_1B_20201112T135113_20201112T135133_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).

#### 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_20201112T021538_20201112T022242_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20201112T035910_20201112T040015_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20201112T071752_20201112T072142_C001	No Star Tracker file used in the processing of this product
CS_OFFL_SIR_FDM_1B_20201112T190924_20201112T190944_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.

### 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_20201112T021538_20201112T022242_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20201112T035910_20201112T040015_C001		The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo
CS_OFFL_SIR_FDM_1B_20201112T071752_20201112T072142_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_1B_20201112T074521_20201112T081120_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_20201112T190924_20201112T190944_C001	Attitude correction missing	The attitude has not been corrected

## 6. Level 2 FDM Data Quality Check

#### 6.1 L2 FDM Product Format Check

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

Number of products with errors:

## **6.2 L2 FDM Product Header Analysis**

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

Number of products with errors: 17

Product	Test Failed
CS_OFFL_SIR_FDM_220201112T021538_20201112T022242_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220201112T022242_20201112T022505_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220201112T035910_20201112T040015_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220201112T040015_20201112T040216_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220201112T071752_20201112T072142_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220201112T072142_20201112T072226_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220201112T091421_20201112T091424_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220201112T091603_20201112T091629_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220201112T091925_20201112T091927_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.
CS_OFFL_SIR_FDM_220201112T124434_20201112T130530_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220201112T130619_20201112T130811_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220201112T131259_20201112T131636_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220201112T131644_20201112T131653_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220201112T131659_20201112T132026_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220201112T132411_20201112T135111_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220201112T135113_20201112T135133_C001.DBL	FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV).
CS_OFFL_SIR_FDM_220201112T233931_20201112T234355_C001.DBL	Product filename start/stop differs slightly from start/stop validity due to rounding.

## 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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220201112T001126_20201112T003432_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_220201112T010130_20201112T013449_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_220201112T015056_20201112T021454_C001	Sea State Bias Correction, Mean Sea Surface height, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed, the Sea State Bias Correction and the Mean Sea Surface Height for one or more records
CS_OFFL_SIR_FDM_220201112T024304_20201112T031251_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_220201112T040557_20201112T040656_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_220201112T041933_20201112T045303_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220201112T051209_20201112T051854_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_220201112T052203_20201112T052627_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_220201112T053259_20201112T053542_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_220201112T053814_20201112T053942_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_220201112T054239_20201112T054450_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_220201112T055748_20201112T060814_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_220201112T061059_20201112T063212_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_220201112T064928_20201112T070840_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_220201112T070932_20201112T071354_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_220201112T071752_20201112T072142_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220201112T073644_20201112T074342_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_220201112T074521_20201112T081120_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_220201112T084330_20201112T090036_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_220201112T092406_20201112T093336_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_220201112T093539_20201112T095042_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_220201112T100706_20201112T101858_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_220201112T102411_20201112T103704_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_220201112T103828_20201112T104036_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_220201112T114451_20201112T121042_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_220201112T124434_20201112T130530_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_220201112T130619_20201112T130811_C001	Mean Sea Surface height	There is an error with the Mean Sea Surface Height for one or more records
CS_OFFL_SIR_FDM_220201112T132411_20201112T135111_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_220201112T142314_20201112T142431_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_220201112T142434_20201112T144725_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_220201112T150443_20201112T153734_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_220201112T154944_20201112T155219_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_220201112T164337_20201112T171723_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_220201112T172911_20201112T173055_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_220201112T182211_20201112T185720_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_220201112T190924_20201112T190944_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_220201112T200200_20201112T201327_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_220201112T201448_20201112T201617_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_220201112T202330_20201112T203435_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_220201112T205029_20201112T210744_C001	Sea State Bias Correction	There is an error with the Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_220201112T210943_20201112T212408_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_2_20201112T214044_20201112T215329_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_220201112T215446_20201112T215555_C001	Sea State Bias Correction, Altimetric Wind Speed	There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records
CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_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_220201112T223026_20201112T224643_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_220201112T021538_20201112T022242_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220201112T035910_20201112T040015_C001	Echo error, Attitude correction missing	The Echo Rx1 Error flag is set, indicating a degraded raw echo. The attitude
CS_OFFL_SIR_FDM_220201112T071752_20201112T072142_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220201112T074521_20201112T081120_C001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo
CS_OFFL_SIR_FDM_220201112T190924_20201112T190944_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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220201112T001126_20201112T003432_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_220201112T010130_20201112T013449_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_220201112T015056_20201112T021454_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_220201112T024304_20201112T031251_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_220201112T051209_20201112T051854_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_220201112T052203_20201112T052627_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_20201112T053259_20201112T053542_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_220201112T053814_20201112T053942_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_220201112T061059_20201112T063212_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_220201112T064928_20201112T070840_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_220201112T070932_20201112T071354_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_220201112T073644_20201112T074342_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_220201112T074521_20201112T081120_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.  The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220201112T084330_20201112T090036_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220201112T092406_20201112T093336_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.  The master fail flag is set by the CFI call, for one or more records.
CS_OFFL_SIR_FDM_220201112T093539_20201112T095042_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_220201112T100706_20201112T101858_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_220201112T102411_20201112T103704_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_220201112T103828_20201112T104036_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_220201112T114451_20201112T121042_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_220201112T124434_20201112T130530_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_220201112T132411_20201112T135111_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_220201112T142314_20201112T142431_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.  The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220201112T142434_20201112T144725_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.  The master fail flag is set by the CFI call, for one or more records,
CS_OFFL_SIR_FDM_220201112T154944_20201112T155219_C001	CFI Retracked Range Flag	indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records.
CS_OFFL_SIR_FDM_220201112T164337_20201112T171723_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_220201112T182211_20201112T185720_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_220201112T200200_20201112T201327_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_220201112T201448_20201112T201617_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_220201112T202330_20201112T203435_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_220201112T210943_20201112T212408_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_220201112T214044_20201112T215329_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_220201112T215446_20201112T215555_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_220201112T215756_20201112T220718_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_220201112T223026_20201112T224643_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

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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
	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.

Dispersional Control of Processing Control o		
60_0FF_6F_FOX_2_2000117101956_20001  60_0FF_6F_F	CS_OFFL_SIR_FDM_220201112T010130_20201112T013449_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CO. OFF. SET FOX 2 2021117101920_000017720192 CO. OFF. SET FOX. 2021117101920_0000017720192 CO. OFF. SET FOX. 2021117101920_0000017720192 CO. OFF. SET FOX. 2021117101920_0000017720192 CO. OFF. SET FOX. 2021117101920_00000017720192 CO. OFF. SET FOX. 2021117101920_00000017720192 CO. OFF. SET FOX. 2021117101920_000000000000000000000000000000000	CS_OFFL_SIR_FDM_220201112T015056_20201112T021454_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
C2_OFF_BR_FBL_2_20001127103002_200112703002_001  C3_OFF_BR_FBL_2_20001127103002_200112703002_001  C3_OFF_BR_FBL_2_20001127103002_200112703002_001  C3_OFF_BR_FBL_2_20001127103002_200112703002_001  C3_OFF_BR_FBL_2_20001127103002_200112703002_001  C3_OFF_BR_FBL_2_20001127103002_200112703002_001  C3_OFF_BR_FBL_2_2000112703002_200112703002_001  C3_OFF_BR_FBL_2_2000112703002_2001127030002_001  C3_OFF_BR_FBL_2_2000112703002_200112703002_001  C3_OFF_BR_FBL_2_2000112703002_20011703002_001  C3_OFF_BR_FBL_2_2000112703002_200117030002_001  C3_OFF_BR_FBL_2_2000112703002_00117030002_001  C3_OFF_BR_FBL_2_2000112703002_00117030002_001  C3_OFF_BR_FBL_2_2000112703002_00117030002_001  C3_OFF_BR_FBL_2_2000112703002_00117030002_001  C3_OFF_BR_FBL_2_20001127030002_00117030002_001  C3_OFF_BR_FBL_2_2000112703002_00117030002_00117030002_001  C3_OFF_BR_FBL_2_20001127030002_00117030002_00117030002_001  C3_OFF_BR_FBL_2_2000112703002_00117030002_00117030002	CS_OFFL_SIR_FDM_220201112T024304_20201112T031251_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
Co. Or F., SRI, PRIL 2_200112103039_2001112103042_CODI  Co. Or F., SRI, Dial 2_200112103092_2001112103042_CODI  Co. Or F., SRI, Dial 2_200112103092_CODII 107103042_CODII 107103042_CODII 107104042_CODII 1071040442_CODII 1071040442_CODII 1071040442_CODII 1071040442_CODII 10710404442_CODII 10710404442_CODII 10710404442_CODII 107104044444_CODII 10710404444_CODII 10710404444_CODII 107104044444_CODII 107104044444_CODII 107104044444_CODII 1071040444444_CODII 107104044444444444444444444444444444444	CS_OFFL_SIR_FDM_220201112T051209_20201112T051854_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
Co. OFFL SR YEM 2 _ 20201127100009 2020117100000 CO.  OFFL SR YEM 2 _ 20201127100009 2020117100000 CO.  OFFL SR YEM 2 _ 20201127100009 2020117100000 CO.  OFFL SR YEM 2 _ 20201127100000 C	CS_OFFL_SIR_FDM_220201112T052203_20201112T052627_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
Co. CHEL SIR FLEM 2, 20011121000814; 2001121000012 (2001) CD Detectant Postular Flow State Flew (2011) CD Detectant Postular Flow Flow Flow Flow Flow Flow Flow Flow	CS_OFFL_SIR_FDM_220201112T053259_20201112T053542_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
Co. OFFL. SRIT_FOW 2_2020112T06009_2020112T070040_O01   Co. OFFL. SRIT_FOW 2_2020112T06009_2020112T070040_O01   Co. OFFL. SRIT_FOW 2_2020112T070040_2020112T070040_O01   Co. OFFL. SRIT_FOW 2_2020112T070040_2020112T0700000_O01   Co. OFFL. SRIT_FOW 2_2020112T090000_O01   Co. OFFL. SRIT_FOW 2_2020112T090000_O010112T090000_O01   Co. OFFL. SRIT_FOW 2_2020112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T0900000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T0900000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T0900000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000_O010112T090000000000000000000000000000000	CS_OFFL_SIR_FDM_220201112T053814_20201112T053942_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
Co. OFFL. SIR. FEM. 2. 202011127109862 20201112710983. COID   CFI Budsecation State Rep. SVH	CS_OFFL_SIR_FDM_220201112T061059_20201112T063212_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SR_FDM_2_02011127107864_02011127107864_02011127107864_02011127107864_02011127107864_02011127107864_02011127107864_02011127107864_02011127107864_02011127107864_02011127107864_0201112710869_020116_02	CS_OFFL_SIR_FDM_220201112T064928_20201112T070840_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_2020112700504_20201  CS_OFFL_SIR_FDM_2_20201127005030_C001  CS_OFFL_SIR_FDM_2_202011271005030_C001  CS_OFFL_SIR_FDM_2_2020111271005030_C001  CS_OFFL_SIR_FDM_2_2020111271005030_C001  CS_OFFL_SIR_FDM_2	CS_OFFL_SIR_FDM_220201112T070932_20201112T071354_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20001127109339_C001  CS_OFFL_SIR_FDM_2_20201127109339_C001  CS_OFFL_SIR_FDM_2_20201127109339_C001  CS_OFFL_SIR_FDM_2_20201127109339_C001  CS_OFFL_SIR_FDM_2_20201127109339_C001  CS_OFFL_SIR_FDM_2_20201127109339_C001  CS_OFFL_SIR_FDM_2_20201127109339_C001  CS_OFFL_SIR_FDM_2_2020112710939_C00112710939_C001  CS_OFFL_SIR_FDM_2_2020112710939_C00112710939_C001  CS_OFFL_SIR_FDM_2_2020112710978_2020112710939_C001  CS_OFFL_SIR_FDM_2_2020112710978_2020112710939_C001  CS_OFFL_SIR_FDM_2_2020112710978_2020112710978_C001  CS_OFFL_SIR_FDM_2_2020112710979_C00112710979_C001  CS_OFFL_SIR_FDM_2_20201	CS_OFFL_SIR_FDM_220201112T073644_20201112T074342_C001	indicating the values stored in fields #41, #42, #43 and #44 should be
CS_OFFL_SIR_FDM_2_20201112T1090303_20201112T1090305_C001  CS_OFFL_SIR_FDM_2_20201112T1090309_20201112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T1090504C_20201112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T1090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T1090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T1090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T1090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T1090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T1090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T1090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T1090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T1090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T11090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T11090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T11090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T11090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T11090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T11090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T11090514C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T11090514C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T11090514C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T11090514C_2020112T1090514C_C001  CS_OFFL_SIR_FDM_2_20201112T11090514C_2020112T1090514C_C001  CS_OFFL_SIR_FDM_2_20201112T11090514C_2020112T1090514C_C001  CS_OFFL_SIR_FDM_2_20201112T11090514C_2020112T1090514C_C001  CS_OFFL_SIR_FDM_2_20201112T1090514C_2020112T1090514C_C001  CS_OFFL_SIR_FDM_2_20201112T1090514C_2020112T1090514C_C001  CS_OFFL_SIR_FDM_2_20201112T1090514C_2020112T1090514C_C001  CS_OFFL_SIR_FDM_2_20201112T1090514C_2020112T1090514C_C001  CS_OFFL_SIR_FDM_2_20201112T1090514C_2020112T1090514C_C001  CS_OFFL_SIR_FDM_2_20201112T1090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T1090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T1090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T1090504C_2020112T1090504C_C001  CS_OFFL_SIR_FDM_2_20201112T	CS_OFFL_SIR_FDM_220201112T074521_20201112T081120_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T109339_2020112T109594_CO01  CS_OFFL_SIR_FDM_2_20201112T109592_CO01112T109594_CO015  CS_OFFL_SIR_FDM_2_20201112T10959_CO015  CS_OFFL_SIR_FDM_2_20201112T20959_CO01112T20959_CO015  C	CS_OFFL_SIR_FDM_220201112T084330_20201112T090036_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T109284_20201  CS_OFFL_SIR_FDM_2_20201112T10928_2020112T10925_20201  CS_OFFL_SIR_FDM_2_20201112T10928_2020112T10925_20201  CS_OFFL_SIR_FDM_2_20201112T10928_2020112T10925_20201  CS_OFFL_SIR_FDM_2_20201112T10928_2020112T10925_20201  CS_OFFL_SIR_FDM_2_20201112T10928_2020112T10925_20201  CS_OFFL_SIR_FDM_2_20201112T10928_2020112T10925_20201  CS_OFFL_SIR_FDM_2_20201112T10928_2020112T10925_20201  CS_OFFL_SIR_FDM_2_20201112T10928_2020112T10925_20201  CS_OFFL_SIR_FDM_2_20201112T10928_20201112T10925_20201  CS_OFFL_SIR_FDM_2_20201112T10928_2020112T1093_20201112T1093_2020112T1093_2020112T1093_2020112T1093_2020112T1093_2020112T1093_2020112T1093_2020112T1093_2020112T1093_2020112T1093_2020112T1093_2020112T1093_2020112T1093_2020112T1093_2020112	CS_OFFL_SIR_FDM_220201112T092406_20201112T093336_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_2020112T102411_2020112T10370L_C001  CS_OFFL_SIR_FDM_2_2020112T102411_2020112T10370L_C001  CS_OFFL_SIR_FDM_2_2020112T103828_20201112T104056_C001  CS_OFFL_SIR_FDM_2_2020112T103828_20201112T104056_C001  CS_OFFL_SIR_FDM_2_2020112T103828_20201112T104056_C001  CS_OFFL_SIR_FDM_2_2020112T10458_2020112T104055_C001  CS_OFFL_SIR_FDM_2_2020112T10458_2020112T104055_C001  CS_OFFL_SIR_FDM_2_2020112T14451_2020112T10550_C001  CS_OFFL_SIR_FDM_2_2020112T14451_20201112T13511_C001  CS_OFFL_SIR_FDM_2_2020112T14451_20201112T13511_C001  CS_OFFL_SIR_FDM_2_2020112T142434_20201112T13511_C001  CS_OFFL_SIR_FDM_2_2020112T142434_20201112T13511_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T142344_20201112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T144342_20201112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T14434_20201112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T164337_2020112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T164337_2020112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T164337_2020112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T164337_2020112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T104048_20201112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T104048_20201112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T104048_20201112T155218_C001  CS_OFFL_SIR_FDM_2_20201112T10448_20201112T15552.0001  CS_OFFL_SIR_FDM_2_20201112T10448_20201112T15559_C001  CS_OFFL_SIR_FDM_2_20201112T10448_20201112T15559_C001  CS_OFFL_SIR_FDM_2_20201112T10448_20201112T15559_C001  CS_OFFL_SIR_FDM_2_20201112T10448_20201112T15559_C001  CS_OFFL_SIR_FDM_2_20201112T10448_20201112T15559_C001  CS_OFFL_SIR_FDM_2_20201112T10448_20201112T104055_C001  CS_OFFL_SIR_FDM_2_20201112T10448_20201112T10405_C001  CS_OFFL_SIR_FDM_2_202	CS_OFFL_SIR_FDM_220201112T093539_20201112T095042_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_2020112T103208_20201112T104036_C001  CS_OFFL_SIR_FDM_2_2020112T103282_20201112T104036_C001  CS_OFFL_SIR_FDM_2_2020112T103282_2020112T104036_C001  CS_OFFL_SIR_FDM_2_20201112T14451_20201112T130530_C001  CS_OFFL_SIR_FDM_2_20201112T14451_20201112T130530_C001  CS_OFFL_SIR_FDM_2_20201112T14451_20201112T130530_C001  CS_OFFL_SIR_FDM_2_20201112T144431_20201112T130530_C001  CS_OFFL_SIR_FDM_2_20201112T144431_20201112T130530_C001  CS_OFFL_SIR_FDM_2_20201112T144231_20201112T144231_C001  CS_OFFL_SIR_FDM_2_20201112T144231_20201112T144231_C001  CS_OFFL_SIR_FDM_2_20201112T142341_20201112T144725_C001  CS_OFFL_SIR_FDM_2_20201112T142341_20201112T144725_C001  CS_OFFL_SIR_FDM_2_20201112T142341_20201112T14725_C001  CS_OFFL_SIR_FDM_2_20201112T142341_20201112T14725_C001  CS_OFFL_SIR_FDM_2_20201112T142341_20201112T14725_C001  CS_OFFL_SIR_FDM_2_20201112T144234_20201112T14725_C001  CS_OFFL_SIR_FDM_2_20201112T144234_20201112T14725_C001  CS_OFFL_SIR_FDM_2_20201112T144234_20201112T14725_C001  CS_OFFL_SIR_FDM_2_20201112T144234_20201112T14725_C001  CS_OFFL_SIR_FDM_2_20201112T144234_20201112T14725_C001  CS_OFFL_SIR_FDM_2_20201112T144234_20201112T14725_C001  CS_OFFL_SIR_FDM_2_20201112T144234_20201112T155219_C001  CS_OFFL_SIR_FDM_2_20201112T144234_20201112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T144234_20201112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T144323_20201112T185720_C001  CS_OFFL_SIR_FDM_2_20201112T144323_20201112T185720_C001  CS_OFFL_SIR_FDM_2_20201112T14448_20201112T185720_C001  CS_OFFL_SIR_FDM_2_20201112T144428_20201112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T14448_20201112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T14448_20201112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T14448_20201112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T14448_20201112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T14448_20201112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T14448_20201112T15555_C001  CS_OFFL_SIR_FDM_2_20201112T20448_20201112T204345_C001  CS_OFFL_SIR_FDM_2_20201112T20448_20201112T20435_C001  CS_OFFL_SIR_FDM_2_20201112T24444_20201112T15555_C001  CS_	CS_OFFL_SIR_FDM_220201112T100706_20201112T101858_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T14451_2020112T103050_C001  CS_OFFL_SIR_FDM_2_20201112T14451_20201112T103050_C001  CS_OFFL_SIR_FDM_2_20201112T124434_20201112T103050_C001  CS_OFFL_SIR_FDM_2_20201112T124434_20201112T1001  CS_OFFL_SIR_FDM_2_20201112T124434_20201112T13050_C001  CS_OFFL_SIR_FDM_2_20201112T13441_20201112T13050_C001  CS_OFFL_SIR_FDM_2_20201112T13441_20201112T13050_C001  CS_OFFL_SIR_FDM_2_20201112T13441_20201112T13050_C001  CF_Backscatter Status Flag, SWH Squared Averaging Status Flag SWH Squared Averaging S	CS_OFFL_SIR_FDM_220201112T102411_20201112T103704_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T142434_20201112T130530_C001  CS_OFFL_SIR_FDM_2_20201112T132411_20201112T1305111_C001  CS_OFFL_SIR_FDM_2_20201112T132411_20201112T142431_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T142431_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T142431_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T142431_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T144725_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T144725_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T144725_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T144725_C001  CS_OFFL_SIR_FDM_2_20201112T1424337_20201112T145730_C001  CS_OFFL_SIR_FDM_2_20201112T1424337_20201112T15519_C001  CS_OFFL_SIR_FDM_2_20201112T1424337_20201112T15510_C001  CS_OFFL_SIR_FDM_2_20201112T162337_20201112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T162312_20201112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T102002_0201112T10327_C001  CS_OFFL_SIR_FDM_2_20201112T102002_0201112T10327_C001  CS_OFFL_SIR_FDM_2_20201112T102002_0201112T10327_C001  CS_OFFL_SIR_FDM_2_20201112T102002_0201112T10327_C001  CS_OFFL_SIR_FDM_2_20201112T100448_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200448_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200448_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200448_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200448_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T20043_20201112T200435_C001  CS_OFFL_SIR_FDM_2_20201112T20043_20201112T200435_C001  CS_OFFL_SIR_FDM_2_20201112T210444_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T21444_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T2154645_0001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T214465_0001  CS_OFFL_SIR_FDM_2_20201112T214444_20201112T214466_0001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T214466_0001  CS_OFFL_SIR_FDM_2_20201112T214444_20201112T214466_0001  CS_OFFL_SIR_FDM_2_20201112T21444_20201112T214466_0001  CS_OFFL_SIR_FDM_2_20201112T214444_20201	CS_OFFL_SIR_FDM_220201112T103828_20201112T104036_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T130530_C001  CS_OFFL_SIR_FDM_2_20201112T132411_20201112T135111_C001  CS_OFFL_SIR_FDM_2_20201112T132411_20201112T142431_C001  CS_OFFL_SIR_FDM_2_20201112T142314_20201112T142431_C001  CS_OFFL_SIR_FDM_2_20201112T142342_20201112T14275_C001  CS_OFFL_SIR_FDM_2_20201112T142342_20201112T144725_C001  CS_OFFL_SIR_FDM_2_20201112T142342_20201112T155219_C001  CS_OFFL_SIR_FDM_2_20201112T164944_20201112T155219_C001  CS_OFFL_SIR_FDM_2_20201112T164944_20201112T155219_C001  CS_OFFL_SIR_FDM_2_20201112T164944_20201112T165219_C001  CS_OFFL_SIR_FDM_2_20201112T164944_20201112T165219_C001  CS_OFFL_SIR_FDM_2_20201112T164944_20201112T165219_C001  CS_OFFL_SIR_FDM_2_20201112T164944_20201112T165219_C001  CS_OFFL_SIR_FDM_2_20201112T164944_20201112T165219_C001  CS_OFFL_SIR_FDM_2_20201112T164944_20201112T16520_C001  CS_OFFL_SIR_FDM_2_20201112T164944_20201112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T164944_20201112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T104211_2020112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T104211_2020112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T104404_20201112T201307_C001  CS_OFFL_SIR_FDM_2_20201112T204448_20201112T201347_C001  CS_OFFL_SIR_FDM_2_20201112T204448_20201112T201347_C001  CS_OFFL_SIR_FDM_2_20201112T204448_20201112T201437_C001  CS_OFFL_SIR_FDM_2_20201112T204448_20201112T201437_C001  CS_OFFL_SIR_FDM_2_20201112T204448_20201112T20448_C001  CS_OFFL_SIR_FDM_2_20201112T20448_20201112T20448_C001  CS_OFFL_SIR_FDM_2_20201112T20448_20201112T20448_C001  CS_OFFL_SIR_FDM_2_20201112T20448_20201112T21408_C001  CS_OFFL_SIR_FDM_2_20201112T214044_20201112T215355_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T215355_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T215328_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T21438_C001  CS_OFFL_SIR_FDM_2_20201112T214044_20201112T21438_C001  CS_OFFL_SIR_FDM_2_20201112T214044_20201112T21438_C001  CS_OFFL_SIR_FDM_2_20201112T21448_C001  CS_OFFL_SIR_FDM_2_20201112T21448_C001  CS_OFFL_SIR_FDM_2_20201112T21448_C001  CS_OFFL_SIR_FDM_2_20201112T21448_C001  CS_OFFL_SIR_FDM_	CS_OFFL_SIR_FDM_220201112T114451_20201112T121042_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T142314_20201112T142431_C001  CS_OFFL_SIR_FDM_2_20201112T142314_20201112T142431_C001  CS_OFFL_SIR_FDM_2_20201112T142314_20201112T14275_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T14275_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T14275_C001  CS_OFFL_SIR_FDM_2_20201112T154944_20201112T155219_C001  CS_OFFL_SIR_FDM_2_20201112T164337_20201112T171723_C001  CS_OFFL_SIR_FDM_2_20201112T164337_20201112T171723_C001  CS_OFFL_SIR_FDM_2_20201112T164337_20201112T171723_C001  CS_OFFL_SIR_FDM_2_20201112T182211_20201112T185720_C001  CS_OFFL_SIR_FDM_2_20201112T182211_20201112T187572_C001  CS_OFFL_SIR_FDM_2_20201112T182211_20201112T187572_C001  CS_OFFL_SIR_FDM_2_20201112T182211_20201112T187572_C001  CS_OFFL_SIR_FDM_2_20201112T182211_20201112T185750_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T201448_20201112T201335_C001  CS_OFFL_SIR_FDM_2_20201112T201448_20201112T201335_C001  CS_OFFL_SIR_FDM_2_20201112T20330_20201112T20335_C001  CS_OFFL_SIR_FDM_2_20201112T204044_20201112T20335_C001  CS_OFFL_SIR_FDM_2_20201112T204044_20201112T20335_C001  CS_OFFL_SIR_FDM_2_20201112T216943_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T216446_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215466_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215464_00201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215464_00201112T203465_C001  CS_OFFL_SIR_FDM_2_20201112T215464_00201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215464_00201112T215646_0001112T206643_0001  CS_OFFL_SIR_FDM_2_20201112T215464_00201112T215655_C001  CS_OFFL_SIR_FDM_2_20201112T215464_00201112T215646_0001112T206643_0001  CS_OFFL_SIR_FDM_2_20201112T216463_0001112T26643_0001  CS_OFFL_SIR_FDM_2_20201112T216463_0001112T26643_0001  CS_OFFL_SIR_FDM_2_20201112T216463_0001112T26643_0001  CS_OFFL_SIR_FDM_2_20201112T216463_0001112T206760_0001112T206763_00011	CS_OFFL_SIR_FDM_220201112T124434_20201112T130530_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T142314_20201112T142431_C001  CS_OFFL_SIR_FDM_2_20201112T142434_20201112T155219_C001  CS_OFFL_SIR_FDM_2_20201112T154944_20201112T155219_C001  CS_OFFL_SIR_FDM_2_20201112T164337_20201112T177723_C001  CS_OFFL_SIR_FDM_2_20201112T164337_20201112T177723_C001  CS_OFFL_SIR_FDM_2_20201112T162211_20201112T16770_C001  CS_OFFL_SIR_FDM_2_20201112T182211_20201112T18770_C001  CS_OFFL_SIR_FDM_2_20201112T182211_20201112T18770_C001  CS_OFFL_SIR_FDM_2_20201112T182211_20201112T18770_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201488_20201112T201617_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T20335_C001  CS_OFFL_SIR_FDM_2_20201112T20330_20201112T20335_C001  CS_OFFL_SIR_FDM_2_20201112T20330_20201112T20335_C001  CS_OFFL_SIR_FDM_2_20201112T20330_20201112T20335_C001  CS_OFFL_SIR_FDM_2_20201112T20330_20201112T20335_C001  CS_OFFL_SIR_FDM_2_20201112T20330_20201112T20335_C001  CS_OFFL_SIR_FDM_2_20201112T214044_20201112T215329_C001  CS_OFFL_SIR_FDM_2_20201112T214044_20201112T215355_C001  CS_OFFL_SIR_FDM_2_20201112T214044_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T2234643_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	CS_OFFL_SIR_FDM_220201112T132411_20201112T135111_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T142434_20201112T155219_C001  CS_OFFL_SIR_FDM_2_20201112T154944_20201112T155219_C001  CS_OFFL_SIR_FDM_2_20201112T164337_20201112T177723_C001  CS_OFFL_SIR_FDM_2_20201112T164337_20201112T177723_C001  CS_OFFL_SIR_FDM_2_20201112T165720_C001  CS_OFFL_SIR_FDM_2_20201112T182211_20201112T185720_C001  CS_OFFL_SIR_FDM_2_20201112T182211_20201112T185720_C001  CS_OFFL_SIR_FDM_2_20201112T180200_2020201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T1802211_20201112T185730_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201335_C001  CS_OFFL_SIR_FDM_2_20201112T200330_20201112T203343_C001  CS_OFFL_SIR_FDM_2_20201112T20330_20201112T203343_C001  CS_OFFL_SIR_FDM_2_20201112T210943_20201112T21408_C001  CS_OFFL_SIR_FDM_2_20201112T210943_20201112T21408_C001  CS_OFFL_SIR_FDM_2_20201112T214044_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220786_3001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220786_3001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T20786_001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T20786_001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T20786_001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T20786_001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T20786_001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T20786_001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T20786_001  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	CS_OFFL_SIR_FDM_220201112T142314_20201112T142431_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T164337_20201112T17723_C001  CS_OFFL_SIR_FDM_2_20201112T164337_20201112T17723_C001  CS_OFFL_SIR_FDM_2_20201112T164337_20201112T17723_C001  CS_OFFL_SIR_FDM_2_20201112T182211_20201112T185720_C001  CS_OFFL_SIR_FDM_2_20201112T182211_20201112T185720_C001  CS_OFFL_SIR_FDM_2_20201112T182211_20201112T185720_C001  CS_OFFL_SIR_FDM_2_20201112T202000_20201112T20327_C001  CS_OFFL_SIR_FDM_2_20201112T202000_20201112T20147_C001  CS_OFFL_SIR_FDM_2_20201112T201448_20201112T201617_C001  CS_OFFL_SIR_FDM_2_20201112T201448_20201112T201617_C001  CS_OFFL_SIR_FDM_2_20201112T20330_20201112T203435_C001  CS_OFFL_SIR_FDM_2_20201112T20330_20201112T203435_C001  CS_OFFL_SIR_FDM_2_20201112T210943_20201112T212408_C001  CS_OFFL_SIR_FDM_2_20201112T210943_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_202	CS_OFFL_SIR_FDM_220201112T142434_20201112T144725_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T164337_20201112T16720_C001  CS_OFFL_SIR_FDM_2_20201112T182211_20201112T185720_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T201448_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T201448_20201112T201617_C001  CS_OFFL_SIR_FDM_2_20201112T201448_20201112T203435_C001  CS_OFFL_SIR_FDM_2_20201112T202330_20201112T203435_C001  CS_OFFL_SIR_FDM_2_20201112T201943_20201112T203435_C001  CS_OFFL_SIR_FDM_2_20201112T210943_20201112T212408_C001  CS_OFFL_SIR_FDM_2_20201112T210943_20201112T212408_C001  CS_OFFL_SIR_FDM_2_20201112T210444_20201112T215329_C001  CS_OFFL_SIR_FDM_2_20201112T214044_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20201112T215756_20201112T215555_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag CFI Backsc	CS_OFFL_SIR_FDM_220201112T154944_20201112T155219_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T182211_20200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T200200_20201112T201327_C001  CS_OFFL_SIR_FDM_2_20201112T201448_20201112T201617_C001  CS_OFFL_SIR_FDM_2_20201112T201448_20201112T201617_C001  CS_OFFL_SIR_FDM_2_20201112T201448_20201112T201617_C001  CS_OFFL_SIR_FDM_2_20201112T201330_20201112T203435_C001  CS_OFFL_SIR_FDM_2_20201112T20330_20201112T203435_C001  CS_OFFL_SIR_FDM_2_20201112T210943_20201112T212488_C001  CS_OFFL_SIR_FDM_2_20201112T210943_20201112T215329_C001  CS_OFFL_SIR_FDM_2_20201112T214044_20201112T215329_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T22006_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T22006_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T22006_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T22006_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T22006_20201112T220483_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_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	CS_OFFL_SIR_FDM_220201112T164337_20201112T171723_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T200200_20201112T20132T_C001  CS_OFFL_SIR_FDM_2_20201112T201448_20201112T20161T_C001  CS_OFFL_SIR_FDM_2_20201112T201448_20201112T20161T_C001  CS_OFFL_SIR_FDM_2_20201112T20330_20201112T203435_C001  CS_OFFL_SIR_FDM_2_20201112T20330_20201112T203435_C001  CS_OFFL_SIR_FDM_2_20201112T20330_20201112T203435_C001  CS_OFFL_SIR_FDM_2_20201112T20343_20201112T203435_C001  CS_OFFL_SIR_FDM_2_20201112T210943_20201112T212408_C001  CS_OFFL_SIR_FDM_2_20201112T210943_20201112T212408_C001  CS_OFFL_SIR_FDM_2_20201112T214044_20201112T215329_C001  CS_OFFL_SIR_FDM_2_20201112T214044_20201112T215329_C001  CS_OFFL_SIR_FDM_2_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215556_20201112T20718_C001  CS_OFFL_SIR_FDM_2_20201112T215556_20201112T20718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T220718_C001  CS_OFFL_SIR_	CS_OFFL_SIR_FDM_220201112T182211_20201112T185720_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T201448_20201112T201617_C001  CS_OFFL_SIR_FDM_2_20201112T202330_20201112T203435_C001  CS_OFFL_SIR_FDM_2_20201112T210943_20201112T212408_C001  CS_OFFL_SIR_FDM_2_20201112T210943_20201112T215329_C001  CS_OFFL_SIR_FDM_2_20201112T214044_20201112T215329_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_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  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,	CS_OFFL_SIR_FDM_220201112T200200_20201112T201327_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T202330_20201112T203435_C001  CS_OFFL_SIR_FDM_2_20201112T210943_20201112T21408_C001  CS_OFFL_SIR_FDM_2_20201112T214044_20201112T215329_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_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  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_220201112T201448_20201112T201617_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T210943_20201112T212408_C001  CS_OFFL_SIR_FDM_2_20201112T214044_20201112T215329_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T224643_C001  CS_OFFL_SIR_FD	CS_OFFL_SIR_FDM_220201112T202330_20201112T203435_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T214044_20201112T215329_C001  CS_OFFL_SIR_FDM_2_20201112T215446_20201112T215555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_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  CFI B	CS_OFFL_SIR_FDM_220201112T210943_20201112T212408_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T215446_20201112T21555_C001  CS_OFFL_SIR_FDM_2_20201112T215756_20201112T220718_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_C001  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_C001  CFI Backscatter Status Flag, SWH Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_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 Sta	CS_OFFL_SIR_FDM_220201112T214044_20201112T215329_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T2215756_20201112T220718_C001  Squared Averaging Status Flag  CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_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  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	CS_OFFL_SIR_FDM_220201112T215446_20201112T215555_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
CS_OFFL_SIR_FDM_2_20201112T223026_20201112T224643_C001	CS_OFFL_SIR_FDM_220201112T215756_20201112T220718_C001	indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records.
	CS_OFFL_SIR_FDM_220201112T223026_20201112T224643_C001	indicating the values stored in fields #41, #42, #43 and #44 should be

Number of products with errors:

Description The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20201112T001126 20201112T003432 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T010130\_20201112T013449\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. CS\_OFFL\_SIR\_FDM\_2\_\_20201112T015056\_20201112T021454\_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T024304\_20201112T031251\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T033016\_20201112T033436\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T033708\_20201112T034409\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20201112T041933 20201112T045303 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T051209\_20201112T051854\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T052203\_20201112T052627\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T053259\_20201112T053542\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20201112T053814 20201112T053942 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20201112T061059 20201112T063212 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T064928\_20201112T070840\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T070932\_20201112T071354\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T073644\_20201112T074342\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T074521\_20201112T081120\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T083014\_20201112T084243\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20201112T084330 20201112T090036 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T092406\_20201112T093336\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T093539\_20201112T095042\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T100706\_20201112T101858\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_20201112T102411\_20201112T103704\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T103828\_20201112T104036\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T114451\_20201112T121042\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T124434\_20201112T130530\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T132411\_20201112T135111\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T142314\_20201112T142431\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20201112T142434 20201112T144725 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T150443\_20201112T153734\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T154944\_20201112T155219\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. CS\_OFFL\_SIR\_FDM\_2\_\_20201112T164337\_20201112T171723\_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T182211\_20201112T185720\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20201112T192010 20201112T194257 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20201112T200200 20201112T201327 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T201448\_20201112T201617\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T202330\_20201112T203435\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T205029\_20201112T210744\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS OFFL SIR FDM 2 20201112T210943 20201112T212408 C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T214044\_20201112T215329\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_20201112T215446\_20201112T215555\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T215756\_20201112T220718\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T223026\_20201112T224643\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T232048\_20201112T233606\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean CS\_OFFL\_SIR\_FDM\_2\_\_20201112T233931\_20201112T234355\_C001 Ocean Retracking Quality Flag Retracker was not successfully executed for one or more records.

## 7. QCC Report Analysis

Product type	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR1LRM_0_	208	208	205	3	0
SIR1SAR_0_	114	114	114	0	0
SIR1SIN_0_	105	105	105	0	0
SIR2SIN_0_	110	110	110	0	0
SIR_FDM_1B	208	208	4	0	204
SIR_FDM_2	201	201	145	56	0

## 7.1 QCC Errors

### Number of QCC reports with errors:

204

Total number of occurrences of each error

Product Type	UVOB	•	-	-	-	-	-	-	-	-	-
SIR_FDM_1B	204										

1	Test Description Key:						
1	Abbreviation	Test name	Details				
l	JVOB	UnitVectorOrBlank_6	The three array elements should form a unit vector (using a scale factor of 10^-6)				

## 7.2 QCC Warnings

## Number of QCC reports with warnings

198

Total number of occurrences of each warning

					Total Hulliber C	n occurrences c	n each warming				
Product Type	MVSIO	MVSIOFD	QF	RACOGO	RBSZO	RBSZOFD	RDTCO	RSSBCO	RWTCO	RCMDSR	-
SIR1LRM_0_	0	0	3	0	0	0	0	0	0	0	
SID EDM 2	4.4	44	0	-1	44	40	- 1	12	4	-1	

Test Description Key:						
Abbreviation	Test name	Details				
MVSIO	MissingValueShortIntOcean	The value should not be a 'missing value' for surface type 0 only				
MVSIOFD	MissingValueShortIntOceanFD2	The value should not be a 'missing value' for surface type 0 only				
QF	QualityFlag	This quality flag should be 0				
RACOGO	RangeAltitudeCOGOcean	The CoG altitude should be between 710000000mm and 760000000mm for surface type = ocean				
RBSZO	RangeBackscatterSigmaZeroOcean	The backscatter sigma zero should be between 700 and 3000 (or missing) for surface type = ocean				
RBSZOFD	RangeBackscatterSigmaZeroOceanFD2	The backscatter sigma zero should be between 700 and 3000 (or missing) for surface type = ocean				
RDTCO	RangeDryTroposphericCorrectionOcean	The Dry tropospheric correction should be between -2500mm and -1900mm (or missing) for surface type = ocean				
RSSBCO	RangeSeaStateBiasCorrectionOcean	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean				
RWTCO	RangeWetTroposphericCorrectionOcean	The Wet tropospheric correction should be between -500mm and -1mm (or missing) for surface type = ocean				
RCMDSR	RecordCountMDSR1	The record counter should equal the 1-based MDSR index (or 0)				

## 7.3 Missing QCC Reports

Number of products with missing QCC reports

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