



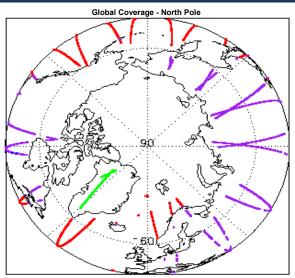
1. Overview

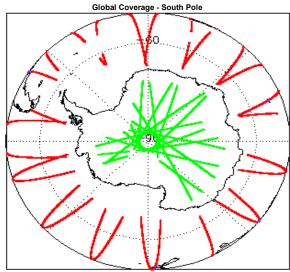
| Report Production Date: | 04-Apr-2018 | |
|-------------------------|--------------------------------------|--|
| Processor Used: | CryoSat Ice Processor | |
| Data Used: | L1 and L2 Fast Delivery Marine (FDM) | |

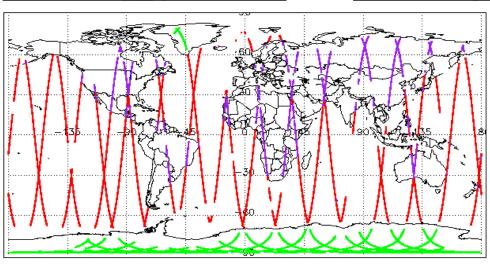
| Check | Status |
|---|--|
| Server check: science-pds.cryosat.esa.int | Nominal |
| Server check: calval-pds.cryosat.esa.int | Nominal |
| Product Software Check | Nominal |
| Product Format Check | Nominal |
| Product Header Analysis | See Section 4.2 |
| Star Tracker Usage Check | See Section 5.3 |
| 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 | | |
|---------------------------|-----------------|--|
| 02-Apr-20 | 18 None | |
| 03-Apr-20 | 18 None | |
| 04-Apr-20 | 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).

Number of products with errors:

0

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.

| Product | Test Failed |
|---|---|
| CS_OPER_SIR1SAR_020180403T094138_20180403T094256_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SAR_020180403T031117_20180403T031909_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SAR_020180403T020046_20180403T020623_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SAR_020180403T184527_20180403T184828_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SIN_020180403T212914_20180403T213049_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SIN_020180403T171757_20180403T172108_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SIN_020180403T185701_20180403T190232_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SIN_020180403T013737_20180403T014653_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020180403T224716_20180403T225102_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020180403T151221_20180403T151555_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020180403T185701_20180403T190232_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |

5. Level 1B FDM Data Quality Check

5.1 L1B FDM Product Format Check

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

Number of products with errors:

5.2 L1B FDM Product Header Analysis

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

Number of products with errors:

5.3 L1B FDM Star Tracker Usage Check

Each product is checked in order to ensure a valid star tracker file has been used in processing.

Number of products with errors:

| Product | Test Failed |
|---|---|
| CS_OFFL_SIR_FDM_1B_20180403T012246_20180403T012550_C001 | No Star Tracker file used in the processing of this product |
| CS_OFFL_SIR_FDM_1B_20180403T030209_20180403T030307_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_20180403T012246_20180403T012550_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_1B_20180403T030209_20180403T030307_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: 0

6.3 L2 FDM Auxiliary Data File Usage Check

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

Number of products with errors: 0

6.4 L2 FDM Auxiliary Correction Error Check

Each product is checked to detect auxiliary corrections flagged by the ground-station processing chain as missing or containing errors.

Number of products with errors:

33

| Product | Test Failed | Description |
|--|---------------------------------------|---|
| CS OFFE SIR FDM 2 201804031001511 201804031003925 C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| | Wind Speed | Correction for one or more records |

| See State Bias Correction. Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed and See State Bias Correction for one or more very the Altered Virtis Speed Altered Virtis Spe | CS_OFFL_SIR_FDM_220180403T005158_20180403T011716_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 |
|--|--|--|---|
| See State Des Orrection. Allimetrix See State Des Orrection. Allimetrix Wind Speed and See State Des State Des State Des State Des Orrection or or none received. See State Des Orrection. Allimetrix Wind Speed See State Des Orrection. Allimetrix Wind Speed Speed Connection. Allimetrix Wind Speed Speed Connection. Allimetrix Wind Speed Connection. Allimetrix Wind Speed Speed Connection. Allimetrix Wind Speed Connection. Allimetrix Wind Speed Speed Connection. Allimetrix Wind Speed Connection. Allimetrix Wind Speed Speed Connection. Allimetrix Wind Speed | CS_OFFL_SIR_FDM_220180403T014653_20180403T020046_C001 | | There is an error with the Sea State Bias Correction for one or more |
| See State Plate Correction See State Plate Correction for one or more See State Plate Correction Alternative See State Plate Correction | | | There is an error with the Altimetric Wind Speed and Sea State Bias |
| Sal Sithle Bass Correction, Allimetric G. GFFL_SIR_FDM_2_201604037103149, 201604037104092. GOFFL_SIR_FDM_2_201604037105140, 2016040371050502_COOL G. GFFL_SIR_FDM_2_201604037105140, 201604037105109. G. GFFL_SIR_FDM_2_201604037105140, 201604037106103_COOL G. GFFL_SIR_FDM_2_201604037106103_COOL G. GFFL_SIR_FDM_2_201604037106259_COOL G. GFFL_SIR_FDM_2_201604037 | CS_OFFL_SIR_FDM_220180403T030841_20180403T030936_C001 | · · | There is an error with the Sea State Bias Correction for one or more |
| CB_OFFL_SIR_FDM_2_201804037104295_0180437103280_0001 CB_OFFL_SIR_FDM_2_201804037104296_000160216_0001 CB_OFFL_SIR_FDM_2_20180403710426_0001604037104205_0001 CB_OFFL_SIR_FDM_2_20180403710426_0001604037104205_ | CS OFFL SIR FDM 2 20180403T032204 20180403T035720 C001 | | There is an error with the Altimetric Wind Speed and Sea State Bias |
| Se, OFFL_SIR_FDM_2_201804037104342_2018040371053526_C001 See Slate Blass Correction, Alteretic Wind Speed and See Slate Blass Correction, | | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| Se Salte Bias Correction, Allmetric Wind Speed or Sea State Bias Correction, Allmetric Wind Speed or Sea State Bias Correction, Allmetric Wind Speed and Sea State Bias Correc | CS_OFFL_SIR_FDM_220180403T051340_20180403T053626_C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| Ses State Bias Correction, Allimetric Wind Speed and Ses State Bias Correction, Allimetric Wind Speed State Bia | CS_OFFL_SIR_FDM_220180403T054842_20180403T060216_C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| Ses State Blas Correction, Allimetic Wind Speed and Ses State Blas Correction, Allimetic Wind Speed (Correction for one or more records) Ses State Blas Correction, Allimetic Wind Speed and Ses State Blas Correction, Allimetic Wind Speed (Correction for one or more records) Ses State Blas Correction, Allimetic Wind Speed and Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction, Allimetic Wind Speed) Ses State Blas Correction, Allimetic Wind Speed and Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction, Allimetic Wind Speed) Ses State Blas Correction, Allimetic Wind Speed and Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction, Allimetic Wind Speed) Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction, Allimetic Wind Speed) Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction for one or more records) Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction, Allimetic Wind Speed) Ses State Blas Correction, Allimetic Wind Speed and Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction, Allimetic Wind Speed) Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction, Allimetic Wind Speed) Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction, Allimetic Wind Speed) Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction, Allimetic Wind Speed) Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction, Allimetic Wind Speed) Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction For one or more records) Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction For one or more records) Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction For one or more records) Ses State Blas Correction, Allimetic Wind Speed (See State Blas Correction For one or more records) Ses State Blas Correction, Allimetic Wind Speed (See State Blas Cor | CS_OFFL_SIR_FDM_220180403T061203_20180403T061637_C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| Sea State Bias Correction, Altmentic | CS_OFFL_SIR_FDM_220180403T062545_20180403T062556_C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| Sas State Bias Correction, Allimetric Wind Speed or Sas State Bias Correction, Allimetric Sas State Bias Correction, Allimetric Wind Speed or Sas State Bias Correction, Allimetric Sas State Bias Correction, Allimetric Wind Speed Sas | CS OFFL SIR FDM 2 20180403T064222 20180403T071449 C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| CS_OFFL_SIR_FDM_2_20180403T073254_20180403T074524_C001 Ses State Bas Correction, Altimetric Wind Speed and Sea State Bas Correction Altimetric Wind Speed and Sea State Bas Correction, Altimetric Wind Speed and Sea State Bas Corr | CS OFFI SIR FDM 2 20180403T072855 20180403T072949 C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric W | | | |
| So SFIL_SIR_FDM_2_2018040371083516_201804037082030_C001 Sea State Bias Correction, Altimetric Correction, Altimet | | | |
| CS_OFFL_SIR_FDM_2_20180403T091007_20180403T092030_C001 Ses State Bias Correction, Altimetric Correction, Altimetr | CS_OFFL_SIR_FDM_220180403T074529_20180403T080303_C001 | Wind Speed | Correction for one or more records |
| CS_OFFL_SIR_FDM_2_201804037109309_C001 Wind Speed CS_OFFL_SIR_FDM_2_2018040371092860_201804037103257_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20180403712329_201804037125419_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_201804037135157_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_201804037135157_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20180403715415_201804037161819_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20180403717238_20180403717112_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20180403718213_20180403718127_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20180403718249_201804037120831_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20180403718249_201804037120831_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SI | CS_OFFL_SIR_FDM_220180403T083816_20180403T085406_C001 | Wind Speed | · |
| Wind Speed CS_OFFL_SIR_FDM_2_20180403T101814_20180403T12022_CO01 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed Associated Bias Correction, A | CS_OFFL_SIR_FDM_220180403T091007_20180403T092030_C001 | | |
| Sas State Bias Correction, Altimetric Wind Speed and Sas State Bias Correction for one more records wind Speed and Sas State Bias Correction for Speed and Sas State B | CS_OFFL_SIR_FDM_220180403T092650_20180403T093759_C001 | | • |
| CS_OFFL_SIR_FDM_2_2018040371120732_201804037112236_CO01 CS_OFFL_SIR_FDM_2_201804037122525_2018040371122517_CO01 CS_OFFL_SIR_FDM_2_201804037122525_201804037122517_CO01 CS_OFFL_SIR_FDM_2_20180403712525_2018040371252517_CO01 CS_OFFL_SIR_FDM_2_20180403712520_201804037125250_CO01 CS_OFFL_SIR_FDM_2_201804037132419_CO180403713557_CO01 CS_OFFL_SIR_FDM_2_201804037150529_201804037151220_CO01 CS_OFFL_SIR_FDM_2_201804037150529_201804037151220_CO01 CS_OFFL_SIR_FDM_2_2018040371505120_CO01 CS_OFFL_SIR_FDM_2_2018040371505120_CO01 CS_OFFL_SIR_FDM_2_20180403716513_20180403711712_CO01 CS_OFFL_SIR_FDM_2_20180403716513_201804037171712_CO01 CS_OFFL_SIR_FDM_2_2018040371671819_CO01 CS_OFFL_SIR_FDM_2_2018040371671819_CO01 CS_OFFL_SIR_FDM_2_2018040371671819_CO01 CS_OFFL_SIR_FDM_2_201804037167180403716809_CO01 CS_OFFL_SIR_FDM_2_201804037167180403716809_CO01 CS_OFFL_SIR_FDM_2_201804037167201505_CO01 CS_OFFL_SIR_FDM_2_20180403716053_CO01 CS_OFFL_SIR_FDM_2_20180403716053_CO01 CS_OFFL_SIR_FDM_2_20180403716053_CO01 CS_OFFL_SIR_FDM_2_20180403716053_CO01 CS_OFFL_SIR_FDM_2_20180403716053_CO01 CS_OFFL_SIR_FDM_2_20180403716053_CO01 CS_OFFL_SIR_FDM_2_201804037120550_CO01 CS_OFFL_SIR_FDM_2_201804037120560_CO01 CS_OFFL_SIR_FDM_2_201804037120560_CO01 CS_OFFL_SIR_FDM_2_20180403712053_CO01 CS_OFFL_SIR_FDM_2_20180403712053_CO01 CS_OFFL_SIR_FDM_2_20180403712053_CO01 CS_OFFL_SIR_FDM_2_20180403712053_CO01 CS_OFFL_SIR_FDM_2_20180403712053_CO01 CS_OFFL_SIR_FDM_2_20180403712053_CO01 CS_OFFL_SIR_FDM_2_20180403712053_CO01 CS_OFFL_SIR_FDM_2_20180403712053_CO01 CS_OFFL_SIR_FDM_2_20180403712053_CO01 CS_OFFL_ | CS_OFFL_SIR_FDM_220180403T101814_20180403T103257_C001 | | · |
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| CS_OFFL_SIR_FDM_2_20180403T184828_20180403T20153_C001 Wind Speed CS_OFFL_SIR_FDM_2_20180403T195308_20180403T201053_C001 CS_OFFL_SIR_FDM_2_20180403T201215_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T201252_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T201252_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213737_C001 Wind Speed CS_OFFL_SIR_FDM_2_20180403T22203_20180403T213737_C001 Wind Speed Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There | CS_OFFL_SIR_FDM_220180403T181213_20180403T181217_C001 | Wind Speed | Correction for one or more records |
| CS_OFFL_SIR_FDM_2_20180403T195308_20180403T201053_C001 Wind Speed CS_OFFL_SIR_FDM_2_20180403T20125_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T204252_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T204252_20180403T20531_C001 CS_OFFL_SIR_FDM_2_20180403T204252_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T210032_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T210032_20180403T210954_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T22203_20180403T213737_C001 Wind Speed CS_OFFL_SIR_FDM_2_20180403T222203_20180403T213737_C001 Wind Speed CS_OFFL_SIR_FDM_2_20180403T222203_20180403T213737_C001 Wind Speed Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetr | CS_OFFL_SIR_FDM_220180403T182749_20180403T184527_C001 | | |
| CS_OFFL_SIR_FDM_2_20180403T20125_20180403T202609_C001 Wind Speed CS_OFFL_SIR_FDM_2_20180403T20125_20180403T202609_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records | CS_OFFL_SIR_FDM_220180403T184828_20180403T184940_C001 | | · |
| CS_OFFL_SIR_FDM_2_20180403T201215_20180403T202609_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an er | CS_OFFL_SIR_FDM_220180403T195308_20180403T201053_C001 | | |
| CS_OFFL_SIR_FDM_2_20180403T204252_20180403T205831_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180403T210032_20180403T210954_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T222203_20180403T21375_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records | CS_OFFL_SIR_FDM_2_20180403T201215_20180403T202609_C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| CS_OFFL_SIR_FDM_2_20180403T210032_20180403T210954_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T223737_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records | CS_OFFL_SIR_FDM_220180403T204252_20180403T205831_C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20180403T223737_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records | CS_OFFL_SIR_FDM_220180403T210032_20180403T210954_C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records | CS_OFFL_SIR_FDM_220180403T213512_20180403T213556_C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| CS_OFFL_SIR_FDM_2_20180403T222203_20180403T223737_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Correction for one or more records Sea State Bias Correction, Altimetric Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records | CS_OFFL_SIR_FDM_220180403T213743_20180403T214854_C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| Sas State Rise Correction Altimetric There is an arrow with the Altimetric Wind Speed and Sas State Rise | | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| | | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| Wind Speed Correction for one or more records | | Wind Speed | 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_220180403T012246_20180403T012550_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_220180403T030209_20180403T030307_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_220180403T001511_20180403T003925_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_220180403T005158_20180403T011716_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_20180403T023104_20180403T025210_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_220180403T032204_20180403T035720_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_220180403T041917_20180403T042651_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_220180403T051340_20180403T053626_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_220180403T054842_20180403T060216_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_220180403T064222_20180403T071449_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_220180403T072855_20180403T072949_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_220180403T073254_20180403T074524_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_220180403T083816_20180403T085406_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_220180403T091007_20180403T092030_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_220180403T092650_20180403T093759_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_220180403T104625_20180403T112022_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_220180403T122525_20180403T125217_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_220180403T125220_20180403T125419_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_220180403T154415_20180403T161819_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_220180403T182749_20180403T184527_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_220180403T201215_20180403T202609_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_220180403T204252_20180403T205831_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_220180403T210032_20180403T210954_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_220180403T213512_20180403T213556_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_220180403T213743_20180403T214854_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_220180403T222203_20180403T223737_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_220180403T231428_20180403T232418_C001 | CFI Retracked Range Flag | The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. |
| | | |

6.7 L2 FDM SWH and Backscatter Measurement Check

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

Number of products with errors:

25

| Product | Test Failed | Description |
|--|---|---|
| CS_OFFL_SIR_FDM_2_20180403T001511_20180403T003925_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_220180403T005158_20180403T011716_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_20180403T023104_20180403T025210_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_220180403T032204_20180403T035720_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_20180403T041917_20180403T042651_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_220180403T051340_20180403T053626_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_220180403T054842_20180403T060216_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_220180403T064222_20180403T071449_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_220180403T072855_20180403T072949_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_20180403T073254_20180403T074524_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_20180403T083816_20180403T085406_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. |

| CFI Backscatter Status Flag, SWH Squared Averaging Status 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_20180403T12525_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T12525_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T12525_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T12520_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T12520_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T12520_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T12520_20180403T161819_C001 CS_OFFL_SIR_FDM_2_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T12520_00180403T18457_C001 CS_OFFL_SIR_FDM_2_20180403T20125_20180403T1052000_C001 CS_OFFL_SIR_FDM_2_20180403T20125_20180403T20500_C001 CS_OFFL_SIR_FDM_2_20180403T20125_20180403T20500_C001 CS_OFFL_SIR_FDM_2_20180403T20125_20180403T20500_C001 CS_OFFL_SIR_FDM_2_20180403T20125_20180403T20500_C001 CS_OFFL_SIR_FDM_2_20180403T20125_20180403T20500_C001 CS_OFFL_SIR_FDM_2_20180403T20135_20180403T210556_C001 CS_OFFL_SIR_FDM_2_20180403T21032_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_201804 | CS_OFFL_SIR_FDM_220180403T091007_20180403T092030_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. |
|--|---|---|---|
| S_OFFL_SIR_FDM_2_20180403T104625_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T12525_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T12525_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T125220_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T125220_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T125217_C001 CS_OFFL_SIR_FDM_2_20180403T2015_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T2015_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T2032_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T2032_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T2032_20180403T210556_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213548_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213548_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213548_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213548_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213548_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213548_20180403T213556_C | CS_OFFL_SIR_FDM_220180403T092650_20180403T093759_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20180403T125220_20180403T125419_C001 CS_OFFL_SIR_FDM_2_20180403T125220_20180403T125419_C001 CS_OFFL_SIR_FDM_2_20180403T125220_20180403T161819_C001 CS_OFFL_SIR_FDM_2_20180403T154415_20180403T161819_C001 CS_OFFL_SIR_FDM_2_20180403T125220_20180403T161819_C001 CS_OFFL_SIR_FDM_2_20180403T125220_20180403T161819_C001 CS_OFFL_SIR_FDM_2_20180403T125220_20180403T161819_C001 CS_OFFL_SIR_FDM_2_20180403T125220_20180403T1205809_C001 CS_OFFL_SIR_FDM_2_20180403T201215_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T201215_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T21032_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T21032_20180403T210954_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T210954_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213737_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213737_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213737_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213737_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213737_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213737_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213737_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213737_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213737_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213737_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T2137 | CS_OFFL_SIR_FDM_220180403T104625_20180403T112022_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20180403T12520_20180403T125419_C001 CS_OFFL_SIR_FDM_2_20180403T154415_20180403T161819_C001 CS_OFFL_SIR_FDM_2_20180403T182749_20180403T184527_C001 CS_OFFL_SIR_FDM_2_20180403T182749_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T201215_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T201215_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T201215_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T210032_20180403T210556_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T21377_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T23737_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T23737_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag SWH Squared Averaging Sta | CS_OFFL_SIR_FDM_220180403T122525_20180403T125217_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20180403T154415_20180403T161819_C001 CS_OFFL_SIR_FDM_2_20180403T182749_20180403T184527_C001 CS_OFFL_SIR_FDM_2_20180403T201215_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T201215_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T201215_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T201215_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T204252_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T210032_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T210032_20180403T210556_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T222203_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T222203_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T2231428_20180403T232418_C001 CS_OFFL_SIR_FDM_2_20180403T2231428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T233428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T2 | CS_OFFL_SIR_FDM_220180403T125220_20180403T125419_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20180403T182749_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T201215_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T201215_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T204252_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T204252_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T210032_20180403T210954_C001 CS_OFFL_SIR_FDM_2_20180403T210032_20180403T210954_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T222203_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T222203_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T223748_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T223748_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T232418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T232418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T23418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T233418_C001 CS_OFFL_SIR_FDM_2_20180403T2314 | CS_OFFL_SIR_FDM_220180403T154415_20180403T161819_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20180403T201215_20180403T202609_C001 CS_OFFL_SIR_FDM_2_20180403T204252_20180403T205831_C001 CS_OFFL_SIR_FDM_2_20180403T21032_20180403T210954_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T223203_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T223203_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T223203_20180403T2232418_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 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_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 | CS_OFFL_SIR_FDM_220180403T182749_20180403T184527_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20180403T204252_20180403T210954_C001 CS_OFFL_SIR_FDM_2_20180403T210032_20180403T210954_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T22203_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T22203_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T22313743_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T22313743_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T22313743_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T232418_C001 | CS_OFFL_SIR_FDM_220180403T201215_20180403T202609_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20180403T210032_20180403T210954_C001 CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T213737_C001 CS_OFFL_SIR_FDM_2_20180403T22203_20180403T223737_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status | CS_OFFL_SIR_FDM_220180403T204252_20180403T205831_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20180403T213512_20180403T213556_C001 CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T222203_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T222203_20180403T223737_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20180403T22203_20180403T223737_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20180403T222203_20180403T223737_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20180403T222203_20180403T223737_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 CFI Backsca | CS_OFFL_SIR_FDM_220180403T210032_20180403T210954_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20180403T213743_20180403T214854_C001 CS_OFFL_SIR_FDM_2_20180403T222203_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T222203_20180403T223737_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag CFI Backscatt | CS_OFFL_SIR_FDM_220180403T213512_20180403T213556_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20180403T222203_20180403T223737_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T232418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T232418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T232418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T232418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T232418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T232418_C001 CS_OFFL_SIR_FDM_2_20180403T231428_20180403T232418_C001 | CS_OFFL_SIR_FDM_220180403T213743_20180403T214854_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20180403T231428_20180403T232418_C001 CFI Backscatter Status Flag, SWH indicating the values stored in fields #41, #42, #43 and #44 should be | CS_OFFL_SIR_FDM_220180403T222203_20180403T223737_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| Pariota to tribo records. | CS_OFFL_SIR_FDM_220180403T231428_20180403T232418_C001 | | |

6.8 L2 FDM Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag (field 66) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product Test Failed CS_OFFL_SIR_FDM_2__20180403T001511_20180403T003925_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20180403T005158 20180403T011716 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T014653_20180403T020046_C001 Ocean Retracking Quality Flag ${\tt CS_OFFL_SIR_FDM_2_20180403T023104_20180403T025210_C001}$ Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T025235_20180403T025801_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T025914_20180403T025924_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T030841_20180403T030936_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T032204_20180403T035720_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T041917_20180403T042651_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T050217_20180403T051054_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T051340_20180403T053626_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T054842_20180403T060216_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T061203_20180403T061637_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T062545_20180403T062556_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T064222_20180403T071449_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T072855_20180403T072949_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T073254_20180403T074524_C001 Ocean Retracking Quality Flag ${\tt CS_OFFL_SIR_FDM_2_20180403T074529_20180403T080303_C001}$ Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T082402_20180403T083612_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T083816_20180403T085406_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T091007_20180403T092030_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20180403T092650 20180403T093759 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T101814_20180403T103257_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20180403T104625 20180403T112022 C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T114813_20180403T115430_C001 Ocean Retracking Quality Flag CS_OFFL_SIR_FDM_2__20180403T120732_20180403T121236_C001 Ocean Retracking Quality Flag CS OFFL SIR FDM 2 20180403T122525 20180403T125217 C001 Ocean Retracking Quality Flag

Description 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. 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.

| CS_OFFL_SIR_FDM_220180403T125220_20180403T125419_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_220180403T132419_20180403T135157_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_220180403T150529_20180403T151220_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_220180403T154415_20180403T161819_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_220180403T165131_20180403T171112_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_220180403T172318_20180403T175800_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_220180403T182749_20180403T184527_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_220180403T195308_20180403T201053_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_220180403T201215_20180403T202609_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_220180403T204252_20180403T205831_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_220180403T210032_20180403T210954_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_220180403T213512_20180403T213556_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_220180403T213743_20180403T214854_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_220180403T222203_20180403T223737_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_220180403T231428_20180403T232418_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_220180403T232420_20180403T234819_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. |

7. QCC Report Analysis

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

| Product type | No. Products | No. QCC Reports | No. Valid | No. Warnings | No. Errors |
|--------------|--------------|-----------------|-----------|--------------|------------|
| SIR1LRM_0_ | 163 | 163 | 163 | 0 | 0 |
| SIR1SAR_0_ | 118 | 118 | 118 | 0 | 0 |
| SIR1SIN_0_ | 103 | 103 | 103 | 0 | 0 |
| SIR2SIN_0_ | 106 | 106 | 106 | 0 | 0 |
| SIR_FDM_1B | 163 | 163 | 163 | 0 | 0 |
| SIR FDM 2 | 159 | 159 | 159 | 0 | 0 |

7.1 QCC Errors

Number of QCC reports with errors:

0

7.2 QCC Warnings

Number of QCC reports with warnings

0

7.3 Missing QCC Reports

Number of products with missing QCC reports:

0