



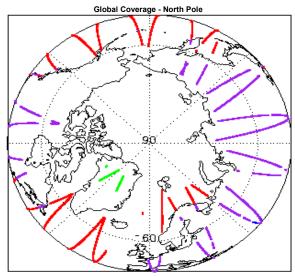
1. Overview

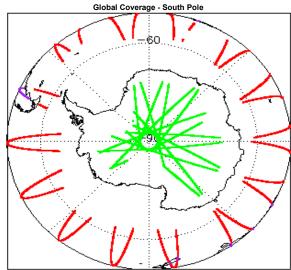
| Report Production Date: | 02-Jan-2018 |
|-------------------------|--|
| Processor Used: | CryoSat Ice Processor |
| Data Used: | L1 and L2 Fast Delivery Marine (FDM) Mode and L0 Data |

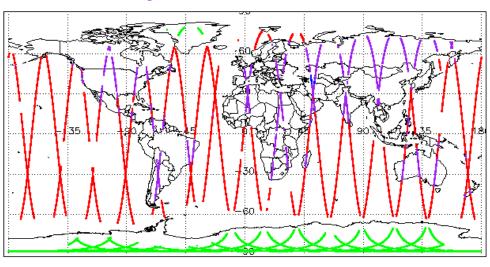
| Check | Status |
|---|--|
| Server check: science-pds.cryosat.esa.int | Nominal |
| Server check: calval-pds.cryosat.esa.int | Nominal |
| Product Software Check | Nominal |
| Product Format Check | Nominal |
| Product Header Analysis | See Section 4.2 |
| Star Tracker Usage Check | See Section 5.3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

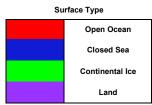
| Mission / Instru | ment News |
|------------------|-----------------|
| 29-Dec-2017 | None |
| 30-Dec-2017 | None |
| 31-Dec-2017 | Nothing planned |

2. Global Coverage









3. Instrument Configuration

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

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

4. Level 0 Data Quality Check

4.1 L0 Product Format Check

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

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_0_20171230T182631_20171230T182854_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SIN_020171230T055321_20171230T055459_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020171230T223106_20171230T223433_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020171230T143400_20171230T144002_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020171230T203047_20171230T203209_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020171230T180839_20171230T180917_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_20171230T050142_20171230T050157_C001 | No Star Tracker file used in the processing of this product |
| CS_OFFL_SIR_FDM_1B_20171230T050157_20171230T050158_C001 | No Star Tracker file used in the processing of this product |
| CS_OFFL_SIR_FDM_1B_20171230T063755_20171230T063810_C001 | No Star Tracker file used in the processing of this product |
| CS_OFFL_SIR_FDM_1B_20171230T081429_20171230T081605_C001 | No Star Tracker file used in the processing of this product |
| CS_OFFL_SIR_FDM_1B_20171230T110502_20171230T113827_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_20171230T050142_20171230T050157_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_1B_20171230T050157_20171230T050158_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_1B_20171230T063755_20171230T063810_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_1B_20171230T081429_20171230T081605_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_1B_20171230T110502_20171230T113827_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: 0

6.2 L2 FDM Product Header Analysis

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

Number of products with errors:

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:

| CS_OFFL_SIR_FDM_2_20171220T00235_20171230T002403_C001 Sale State Bias Correcton, Altmetto Correction From a more records CS_OFFL_SIR_FDM_2_20171220T002304_20171230T002412_C001 Sale State Bias Correcton, Altmetto Wind Speed and Sale State Bias Correcton, Altmetto Wind Speed State Bias Correcton, Altmetto | Product | Test Failed | Description |
|--|--|---------------------------------------|--|
| Se. Situs filas Correction, Allmedic (Wind Speed of Sea State Blas Correction, Allmedic (Wind Speed of Sea State Blas Correction), Allmedic (Wind Speed of Sea State Blas Corr | | | There is an error with the Sea State Bias Correction for one or more |
| Wind Speed S | | | |
| Sea State Bias Correction Allmeric Sea State Bias Correction Allm | CS_OFFL_SIR_FDM_220171230T020035_20171230T021403_C001 | Wind Speed | Correction for one or more records |
| Sea Office Sin Fibral 2017/2301105005 2017/2301105015 2017/2301065016 20 | CS_OFFL_SIR_FDM_220171230T023024_20171230T023128_C001 | | Correction for one or more records |
| Sa. OFFL_SIR_FDM_2_0171/230T04972_0171/230T04956_C001 | CS_OFFL_SIR_FDM_220171230T034026_20171230T034731_C001 | | records |
| CS_OFFL_SIR_FDM_2_20171230104201_20171230706301_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_201712307124002_201712307124530_2001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_201712307142002_201712307142530_2001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for | CS_OFFL_SIR_FDM_220171230T035052_20171230T041231_C001 | Wind Speed | Correction for one or more records |
| CS_OFFL_SIR_FDM_2_201712301064074_20171230106394_COUNT Wind Speed Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_201712301064044_2017122010764044_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_2017123010764902_2017122010769044_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_2017123010764902_2017122010769022_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230104592_20171230104316_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230110402_2017123011436_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230110402_2017123011436_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230110402_20171230112222_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_201712301112027122772_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_201712301124042_201712207122797_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_201712301124042_201712207123834_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_201712301134094_201712207134994_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230114206_201712301143994_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230114206_201712301143994_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230114406_201712301144980_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_2017123011409016_201712301149016_COUNT Sea State Bias Correction, Altimetric Wind Speed CS_ | CS_OFFL_SIR_FDM_220171230T042701_20171230T045216_C001 | Wind Speed | Correction for one or more records |
| Wind Speed So FFL_SIR_FDM_2_2017123011080592_20171230170843H_C001 So Sa State Bias Correction, Altimetric Correction for one or more records So Sept. SiR_FDM_2_2017123017083957_201712301708934_C001 So Sept. SiR_FDM_2_2017123017083957_201712301708930_C001 So So State Bias Correction, Altimetric Correction for one or more records So So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So So State Bias Correction, Altimetric Correction for one or more records So So State Bias Correction, Altimetric Correction for one or more records So So State Bias Correction, Altimetric Correction for one or more records So So State Bias Correction, Altimetric Correction for one or more records So So State Bias Correction, Altimetric Correction for one or more records So So State Bias Correction, Altimetric Correction for one or more records So So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So State Bias Correction, Altimetric Correction for one or more records So Stat | CS_OFFL_SIR_FDM_220171230T054017_20171230T055048_C001 | Wind Speed | Correction for one or more records |
| CS_OFFL_SIR_FDM_2_20171230T07920_20171230T07934_C001 Sea State Bias Correction, Allimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230T107934_C001 Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171230T10430_20171230T104316_C001 Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171230T10430_20171230T104316_C001 Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction, Allimetric Wind Speed Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction, Allimetric Wind Speed Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction, Allimetric Wind Speed Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction, Allimetric Wind Speed Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction, Allimetric Wind Speed Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction, Allimetric Wind Speed Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Allimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, All | CS_OFFL_SIR_FDM_220171230T060559_20171230T063301_C001 | Wind Speed | Correction for one or more records |
| Sea State Bias Correction, Allimetric Vind Speed and Sea State Bias Correction of February 1999 (Sea State Bias Correction) (Sea State Bias Co | CS_OFFL_SIR_FDM_220171230T064204_20171230T064341_C001 | | |
| CS_OFFL_SIR_FDM_2_20171230T04539_20171230T090390_C001 Sea State Bias Correction Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230T0433557_20171230T090390_C001 Sea State Bias Correction 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 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, 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, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230T124612_20171230T125334_0001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230T134004_20171230T140332_0001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230T142206_20171230T142530_0001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230T144002_20171230T145258_0001 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 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230T14002_20171230T145264_0001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction | CS OFFI SIR FDM 2 20171230T071920 20171230T072944 C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| Vinid Speed CS_OFF_SIR_FDM2_017123010439_201712307109030_COOI 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, Altimetric Wind Speed and Sea State Bias 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 t | | | |
| Sea State Bias Correction CS_OFFL_SIR_FDM_2_20171230T101423_20171230T104316_C001 CS_OFFL_SIR_FDM_2_20171230T101423_20171230T101327_C001 Sea State Bias Correction Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171230T12159_20171230T12222_C001 Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction | CS_OFFL_SIR_FDM_220171230T074539_20171230T075022_C001 | | · |
| CS_OFFL_SIR_FDM_2_20171230T110502_20171230T110502_20171230T113827_C001 Sea State Bias Correction Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171230T1424612_20171230T142534_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, 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, Altimetric Wind Speed 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 Altim | CS_OFFL_SIR_FDM_220171230T083557_20171230T090930_C001 | Sea State Bias Correction | |
| CS_OFFL_SIR_FDM_2_20171230T12159_20171230T121222_C001 Sea Satlae Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171230T121242_20171230T122737_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171230T124612_20171230T124584_C001 SEA State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171230T1300T124584_C001 SEA State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171230T134934_C001 SEA State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171230T130T140632_C001 SEA State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171230T14206_20171230T142530_C001 CS_OFFL_SIR_FDM_2_20171230T144002_20171230T145258_C001 CS_OFFL_SIR_FDM_2_20171230T153006_20171230T145254_C001 CS_OFFL_SIR_FDM_2_20171230T160000_20171230T162649_C001 CS_OFFL_SIR_FDM_2_20171230T164836_20171230T169134_C001 CS_OFFL_SIR_FDM_2_20171230T164836_20171230T169134_C001 CS_OFFL_SIR_FDM_2_20171230T180918_20171230T169135_C001 CS_OFFL_SIR_FDM_2_20171230T180918_20171230T190355_C001 CS_OFFL_SIR_FDM_2_20171230T192011_20171230T190305_C001 CS_OFFL_SIR_FDM_2_20171230T192011_20171230T195305_C001 CS_OFFL_SIR_FDM_2_20171230T12300_20171230T21334_C001 CS_OFFL_SIR_FDM_2_20171230T24335_20171230T21334_C001 CS_OFFL_SIR_FDM_2_20171230T24335_20171230T214390_C001 CS_OFFL_SIR_FDM_2_20171230T24335_20171230T214390_C001 CS_OFFL_SIR_FDM_2_20171230T24335_20171230T214390_C001 CS_OFFL_SIR_FDM_2_20171230T24335_20171230T214390_C001 CS_OFFL_SIR_FDM_2_20171230T24335_20171230T214334_C001 CS_OFFL_SIR_FDM_2_20171230T24335_20171230T24335_2001 CS_OFFL_SIR_FDM_2_20171230T24335_20171230T24335_2001 CS_OFFL_SIR_FDM_2_20171230T24335_20171230T24335_2001 CS_OFFL_SIR_FDM_2_201 | CS_OFFL_SIR_FDM_220171230T101423_20171230T104316_C001 | | Correction for one or more records |
| CS_OFFL_SIR_FDM_2_20171230T12422_20171230T125834_C001 CS_OFFL_SIR_FDM_2_20171230T124612_20171230T125834_C001 CS_OFFL_SIR_FDM_2_20171230T124612_20171230T124534_C001 CS_OFFL_SIR_FDM_2_20171230T134004_20171230T134934_C001 CS_OFFL_SIR_FDM_2_20171230T134004_20171230T134934_C001 CS_OFFL_SIR_FDM_2_20171230T134004_20171230T140632_C001 CS_OFFL_SIR_FDM_2_20171230T134004_20171230T140632_C001 CS_OFFL_SIR_FDM_2_20171230T14200_20171230T14250_C001 CS_OFFL_SIR_FDM_2_20171230T14200_20171230T142580_C001 CS_OFFL_SIR_FDM_2_20171230T144002_20171230T145258_C001 CS_OFFL_SIR_FDM_2_20171230T144002_20171230T14554_C001 CS_OFFL_SIR_FDM_2_20171230T153006_20171230T15554_C001 CS_OFFL_SIR_FDM_2_20171230T163006_20171230T162649_C001 CS_OFFL_SIR_FDM_2_20171230T164836_20171230T165134_C001 CS_OFFL_SIR_FDM_2_20171230T164836_20171230T1618148_C001 CS_OFFL_SIR_FDM_2_20171230T168018_20171230T16305_C001 CS_OFFL_SIR_FDM_2_20171230T168018_20171230T16305_C001 CS_OFFL_SIR_FDM_2_20171230T168018_20171230T16305_C001 CS_OFFL_SIR_FDM_2_20171230T168018_20171230T16305_C001 CS_OFFL_SIR_FDM_2_20171230T168018_20171230T1618148_C001 CS_OFFL_SIR_FDM_2_20171230T168018_20171230T16305_C001 CS_OFFL_SIR_FDM_2_20171230T163006_20171230T16305_C001 CS_OFFL_SIR_FDM_2_20171230T163006_20171230T16305_C001 CS_OFFL_SIR_FDM_2_20171230T163016_20171230T16305_C001 CS_OFFL_SIR_FDM_2_20171230T163016_20171230T16305_C001 CS_OFFL_SIR_FDM_2_20171230T163016_20171230T16305_C001 CS_OFFL_SIR_FDM_2_20171230T163016_20171230T16305_C001 CS_OFFL_SIR_FDM_2_20171230T190305_C001 CS_OFFL_SIR_FDM_2_20171230T190305_C001 CS_OFFL_SIR_FDM_2_20171230T1230T190305_C001 CS_OFFL_SIR_FDM_2_20171230T1230T190305_C001 CS_OFFL_SIR_FDM_2_20171230T1230T24324_C001 CS_OFFL_SIR_FDM_2_20171230T24422_20171230T21334_C001 CS_OFFL_SIR_FDM_2_20171230T2442335_20171230T21334_C001 CS_OFFL_SIR_FDM_2_20171230T2442335_20171230T213480_C001 CS_OFFL_SIR_FDM_2_20171230T244335_20171230T231490_C001 CS_OFFL_SIR_FDM_2_20171230T244335_20171230T231490_C001 CS_OFFL_SIR_FDM_2_20171230T244335_20171230T231490_C001 | CS_OFFL_SIR_FDM_220171230T110502_20171230T113827_C001 | | records |
| CS_OFFL_SIR_FDM_2_20171230T124612_20171230T125834_C001 CS_OFFL_SIR_FDM_2_20171230T134004_20171230T134934_C001 CS_OFFL_SIR_FDM_2_20171230T134004_20171230T134934_C001 CS_OFFL_SIR_FDM_2_20171230T135137_20171230T134034_C001 CS_OFFL_SIR_FDM_2_20171230T130T135137_20171230T130T130T130T130T130T130T130T130T130T1 | CS_OFFL_SIR_FDM_220171230T121159_20171230T121222_C001 | | • |
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| CS_OFFL_SIR_FDM_2_20171230T162649_C001 CS_OFFL_SIR_FDM_2_20171230T164836_20171230T165134_C001 CS_OFFL_SIR_FDM_2_20171230T164836_20171230T165134_C001 CS_OFFL_SIR_FDM_2_20171230T180918_20171230T181048_C001 CS_OFFL_SIR_FDM_2_20171230T183720_20171230T190355_C001 CS_OFFL_SIR_FDM_2_20171230T183720_20171230T190355_C001 CS_OFFL_SIR_FDM_2_20171230T192011_20171230T195305_C001 CS_OFFL_SIR_FDM_2_20171230T212300_20171230T213234_C001 CS_OFFL_SIR_FDM_2_20171230T212300_20171230T213234_C001 CS_OFFL_SIR_FDM_2_20171230T212300_20171230T2130T2130T214810_C001 CS_OFFL_SIR_FDM_2_20171230T21230T21230T21230T214810_C001 CS_OFFL_SIR_FDM_2_20171230T224335_20171230T2130T2100_C001 CS_OFFL_SIR_FDM_2_20171230T224335_20171230T2130T20_C001 CS_OFFL_SIR_FDM_2_20171230T21230T224335_20171230T231049_C001 CS_OFFL_SIR_FDM_2_20171230T224335_20171230T235843_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 | CS_OFFL_SIR_FDM_220171230T144002_20171230T145258_C001 | Wind Speed | Correction for one or more records |
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| CS_OFFL_SIR_FDM_2_20171230T183720_20171230T190355_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171230T192011_20171230T195305_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 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, 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 Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records | CS_OFFL_SIR_FDM_220171230T164836_20171230T165134_C001 | Sea State Bias Correction | records |
| CS_OFFL_SIR_FDM_2_20171230T192011_20171230T195305_C001 Wind Speed Correction, Altimetric Wind Speed 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 T | CS_OFFL_SIR_FDM_220171230T180918_20171230T181048_C001 | | records |
| CS_OFFL_SIR_FDM_2_20171230T192011_20171230T195305_C001 Sea State Bias Correction, Altimetric Wind Speed CS_OFFL_SIR_FDM_2_20171230T212300_20171230T213234_C001 CS_OFFL_SIR_FDM_2_20171230T214422_20171230T214810_C001 CS_OFFL_SIR_FDM_2_20171230T214422_20171230T214810_C001 CS_OFFL_SIR_FDM_2_20171230T21435_20171230T21409_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 There is an error with the Altimetric Wind Speed and S | CS_OFFL_SIR_FDM_220171230T183720_20171230T190355_C001 | | · |
| CS_OFFL_SIR_FDM_2_20171230T212300_20171230T213234_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records CS_OFFL_SIR_FDM_2_20171230T214422_20171230T214810_C001 CS_OFFL_SIR_FDM_2_20171230T224335_20171230T231049_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 Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records | CS_OFFL_SIR_FDM_220171230T192011_20171230T195305_C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| CS_OFFL_SIR_FDM_2_201712301214422_201712301214810_C001 Wind Speed Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more records There is an error with the Sea State Bias Correction for one or more | CS_OFFL_SIR_FDM_220171230T212300_20171230T213234_C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| CS_OFFL_SIR_FDM_2201712301224335_201712301231049_C001 Sea State Bias Correction records There is an error with the Sea State Bias Correction for one or more | CS_OFFL_SIR_FDM_220171230T214422_20171230T214810_C001 | | |
| | CS_OFFL_SIR_FDM_220171230T224335_20171230T231049_C001 | Sea State Bias Correction | |
| | CS_OFFL_SIR_FDM_220171230T233054_20171230T235843_C001 | Sea State Bias Correction | |

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_220171230T050142_20171230T050157_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_220171230T063755_20171230T063810_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_220171230T081429_20171230T081605_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_220171230T110502_20171230T113827_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_220171230T020035_20171230T021403_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_220171230T035052_20171230T041231_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_220171230T042701_20171230T045216_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_220171230T060559_20171230T063301_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_220171230T101423_20171230T104316_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_220171230T121159_20171230T121222_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_20171230T121242_20171230T122737_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_20171230T124612_20171230T125834_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_20171230T134004_20171230T134934_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_220171230T135137_20171230T140632_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_220171230T144002_20171230T145258_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_220171230T153006_20171230T154554_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_220171230T160000_20171230T162649_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_20171230T183720_20171230T190355_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_20171230T192011_20171230T195305_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:

15

| Product | Test Failed | Description |
|---|---|---|
| CS_OFFL_SIR_FDM_220171230T020035_20171230T021403_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_220171230T035052_20171230T041231_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_220171230T042701_20171230T045216_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_220171230T060559_20171230T063301_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_220171230T101423_20171230T104316_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_220171230T121159_20171230T121222_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_220171230T121242_20171230T122737_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_220171230T124612_20171230T125834_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_220171230T134004_20171230T134934_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_220171230T135137_20171230T140632_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_220171230T144002_20171230T145258_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_220171230T153006_20171230T154554_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_220171230T160000_20171230T162649_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_220171230T183720_20171230T190355_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_220171230T192011_20171230T195305_C001 | CFI Backscatter Status Flag, SWH Squared Averaging Status Flag | The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |

6.8 L2 FDM Ocean Retracking Quality Check

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

Number of products with errors: 41

| Product | Test Failed | Description |
|--|-------------------------------|--|
| CS_OFFL_SIR_FDM_220171230T003703_20171230T005014_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_220171230T010805_20171230T012323_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_220171230T012525_20171230T013446_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_220171230T020035_20171230T021403_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_220171230T024740_20171230T030152_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_220171230T034026_20171230T034731_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_220171230T034854_20171230T035050_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_220171230T035052_20171230T041231_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_220171230T042701_20171230T045216_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. |
| CS_OFFL_SIR_FDM_2_20171230T052530_20171230T053443_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. |

| CS_OFFL_SIR_FDM_2_20171230T060559_20171230T063301_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_220171230T065809_20171230T071357_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_220171230T082140_20171230T082248_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_220171230T083557_20171230T090930_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_220171230T092551_20171230T094242_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_220171230T101423_20171230T104316_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_220171230T104326_20171230T104820_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_220171230T110502_20171230T113827_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_220171230T121015_20171230T121156_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_220171230T121159_20171230T121222_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_220171230T121242_20171230T122737_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_220171230T124612_20171230T125834_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_220171230T134004_20171230T134934_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_220171230T135137_20171230T140632_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_220171230T144002_20171230T145258_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_220171230T153006_20171230T154554_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_220171230T160000_20171230T162649_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_220171230T164836_20171230T165134_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_220171230T165931_20171230T172504_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_220171230T173937_20171230T175042_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_220171230T180918_20171230T181048_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_220171230T183720_20171230T190355_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_220171230T192011_20171230T195305_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_220171230T200543_20171230T200750_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_220171230T203734_20171230T203952_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_220171230T205842_20171230T212014_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_220171230T212300_20171230T213234_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_220171230T214422_20171230T214810_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. |
| CS_OFFL_SIR_FDM_2_20171230T221053_20171230T222121_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. |
| CS_OFFL_SIR_FDM_2_20171230T224335_20171230T231049_C001 | Ocean Retracking Quality Flag | The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. |
| CS_OFFL_SIR_FDM_2_20171230T233054_20171230T235843_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_ | 174 | 174 | 174 | 0 | 0 |
| SIR1SAR_0_ | 121 | 121 | 121 | 0 | 0 |
| SIR1SIN_0_ | 111 | 111 | 111 | 0 | 0 |
| SIR2SIN_0_ | 117 | 117 | 117 | 0 | 0 |
| SIR_FDM_1B | 174 | 174 | 174 | 0 | 0 |
| SIR FDM 2 | 171 | 171 | 171 | 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