



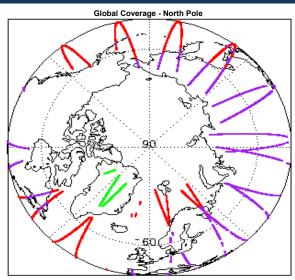
1. Overview

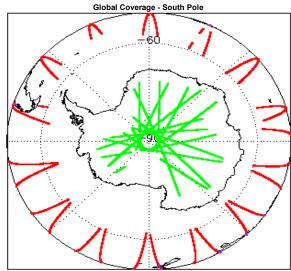
| Report Production Date: | 02-Aug-2017 |
|-------------------------|--------------------------------------|
| Processor Used: | CryoSat Ice Processor |
| Data Used: | L1 and L2 Fast Delivery Marine (FDM) |

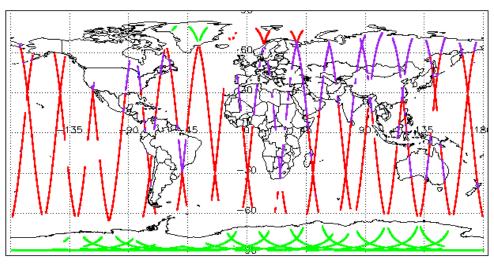
| Check | Status |
|---|--|
| Server check: science-pds.cryosat.esa.int | Nominal |
| Server check: calval-pds.cryosat.esa.int | Nominal |
| Product Software Check | Nominal |
| Product Format Check | Nominal |
| Product Header Analysis | See Section 4.2 |
| Star Tracker Usage Check | See Section 5.3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

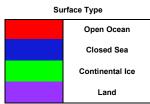
| Mission / Instru | iment News |
|------------------|-----------------|
| 30-Jul-2017 | None |
| 31-Jul-2017 | None |
| 01-Aug-2017 | Nothing planned |

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_020170731T044927_20170731T045701_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SAR_020170731T103534_20170731T103809_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SIN_020170731T093800_20170731T094009_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020170731T222709_20170731T223140_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020170731T163536_20170731T163809_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.

lumber 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_20170731T125810_20170731T130412_C001 | No Star Tracker file used in the processing of this product |
| CS_OFFL_SIR_FDM_1B_20170731T161859_20170731T161926_C001 | No Star Tracker file used in the processing of this product |
| CS_OFFL_SIR_FDM_1B_20170731T194308_20170731T194326_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: 0

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: 0

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_20170731T100114_20170731T101727_C001 | Echo error, TRK echo error | The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo |
| CS_OFFL_SIR_FDM_1B_20170731T114237_20170731T114839_C001 | Echo error, TRK echo error | The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo |
| CS_OFFL_SIR_FDM_1B_20170731T125810_20170731T130412_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_1B_20170731T161859_20170731T161926_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_1B_20170731T194308_20170731T194326_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_1B_20170731T225031_20170731T225619_C001 | Echo error, TRK echo error | The tracking echo has returned an error and the Rx1 Echo Error flag is set, indicating a degraded echo |

6. Level 2 FDM Data Quality Check

6.1 L2 FDM Product Format Check

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

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:

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:

36

| 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 There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric 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, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric 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 e |
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6.5 L2 FDM Measurement Confidence Data Check

6

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_220170731T100114_20170731T101727_C001 | Echo error | The Echo Rx1 Error flag is set, indicating a degraded raw echo |
| CS_OFFL_SIR_FDM_220170731T114237_20170731T114839_C001 | Echo error | The Echo Rx1 Error flag is set, indicating a degraded raw echo |
| CS_OFFL_SIR_FDM_220170731T125810_20170731T130412_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_220170731T161859_20170731T161926_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_220170731T194308_20170731T194326_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_220170731T225031_20170731T225619_C001 | Echo error | The Echo Rx1 Error flag is set, indicating a degraded raw echo |

6.6 L2 FDM Range Measurement Check

CryoSat L2 data includes a CFI (field 17) and OCOG (field 22) Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors: 24

| Product | Test Failed | Description |
|---|--------------------------|---|
| CS_OFFL_SIR_FDM_220170731T001523_20170731T003848_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_220170731T015255_20170731T021847_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. |

| S., OFFL_SIR_FDM_2_20170731T030407_201004177_20104072. G.F. Retracked Range Flag G. OFFL_SIR_FDM_2_20170731T04417_20170731T044020. G. OFFL_SIR_FDM_2_20170731T055510_20170731T062051_C001 G.F. Retracked Range Flag G.F. Sir, FDM_2_20170731T073472_2010 G.F. Retracked Range Flag G.F. Sir, FDM_2_20170731T080000_20170731T080005_C001 G.F. Retracked Range Flag G.F. Sir, FDM_2_20170731T080005_C001 G.F. Retracked Range Flag G.F. Sir, FDM_2_20170731T080005_C001 G.F. Retracked Range Flag G.F. Sir, FDM_2_20170731T080005_C001 G.F. Retracked Range Flag G.F. Sir, FDM_2_20170731T080005_C0010 G.F. Retracked Range Flag G.F. Sir, FDM_2_20170731T080005_C010731T080005_C001 G.F. Retracked Range Flag G.F. Sir, FDM_2_20170731T090005_C010731T090005_C001 G.F. Retracked Range Flag G.F. Sir, FDM_2_20170731T100144_20170731T1001700005 G.F. Retracked Range Flag G.F. Retrac | | | |
|--|--|--------------------------|---|
| CS_OFFL_SIR_FDM_2_20170731T04497_20170731T062651_C001 CRI Retracked Range Flag CFI Retracked R | CS_OFFL_SIR_FDM_2_20170731T032016_20170731T032417_C001 | CFI Retracked Range Flag | ignored for these records. |
| CS_OFFL_SIR_FDM_2_20170731T085310_20170731T0942551_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T09472_20170731T0943551_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T094030_20170731T0964551_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T094030_20170731T0964551_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T094030_20170731T0964551_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T09135_20170731T0964551_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T09135_20170731T0964551_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T09135_20170731T092636_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T10935_20170731T109360_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T10956_20170731T10115_2001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T110956_20170731T11153_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T110956_20170731T11153_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T110956_20170731T1145851_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T110956_20170731T14794_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T110956_20170731T14794_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T110956_20170731T14794_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T110956_20170731T14794_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T110956_20170731T14794_C001 CFI Retracked Range Flag growed for these records. CS_OFFL_SIR_FDM_2_20170731T110956_20170731T110956_C001 CFI Retracked Range Flag growed for these records. | CS_OFFL_SIR_FDM_2_20170731T041417_20170731T044926_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be |
| CE_OFFL_SIR_FDM_2_20170731T084247_20170731T085451_C001 CFI Retracked Range Flag groved for these records. The master fall tag is set by the CFI call, for one or more records, noticenting the values stored in fields #13, #14, #15 and #16 should be groved for these records. CS_OFFL_SIR_FDM_2_20170731T084030_20170731T095451_C001 CFI Retracked Range Flag GROVED Flags Flow College Flags GROVED Flags Flow College | CS_OFFL_SIR_FDM_220170731T055310_20170731T062851_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be |
| CS_OFFL_SIR_FDM_2_20170731T064030_20170731T08455_C001 CS_OFFL_SIR_FDM_2_20170731T064030_20170731T08455_C001 CS_OFFL_SIR_FDM_2_20170731T084030_20170731T082656_C001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ginored for these records. 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 ginored for these records. CS_OFFL_SIR_FDM_2_20170731T082837_20170731T093800_C001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ginored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be ginored for these coords. 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 ginored for these coords. CS_OFFL_SIR_FDM_2_20170731T100114_20170731T101727_C001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ginored for these records. 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 ginored for these records. CS_OFFL_SIR_FDM_2_20170731T110956_20170731T11513_C001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ginored for these records. 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 ginored for these records. CS_OFFL_SIR_FDM_2_20170731T140302_20170731T143654_C001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ginored for these records. 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 ginored for these records. CS_OFFL_SIR_FDM_2_20170731T165104_20170731T1224_C001 CFI Retracked Range Flag Indicating | CS_OFFL_SIR_FDM_2_20170731T073247_20170731T074722_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be |
| CS_OFFL_SIR_FDM_2_20170731T094030_20170731T092636_C001 CFI Retracked Range Flag place for these records. The master fail flag is set by the CFI call, for one or more records, ended the proceed for these records. The master fail flag is set by the CFI call, for one or more records, ended the proceed for these records. The master fail flag is set by the CFI call, for one or more records, ended the proceed for these records. The master fail flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these records. The master flag is set by the CFI call, for one or more records, and the proceed for these reco | CS_OFFL_SIR_FDM_2_20170731T075412_20170731T080835_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be |
| CS_OFFL_SIR_FDM_2_20170731T091135_20170731T092638_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T109237_201001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T100114_20170731T101727_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T100114_20170731T101727_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T1100114_20170731T101727_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T1100166_20170731T111513_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T123137_20170731T125451_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T14003_20170731T145451_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T14003_20170731T144054_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T144102_20170731T144724_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T144102_20170731T144724_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T165104_20170731T171224_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T181547_20170731T171224_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T181549_201070731T171224_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T181549_20170731T200857_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T201338_20170731T200857_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T201338_20170731T20343_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T20343_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL_SIR_FDM_2_20170731T21338_20170731T223832_C001 CFI Retracked Range Flag ignored for these records. CS_OFFL | CS_OFFL_SIR_FDM_2_20170731T084030_20170731T085451_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be |
| CS_OFFL_SIR_FDM_2_20170731T1092837_20170731T1092800_C001 CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T10114_20170731T111513_C001 CFI Retracked Range Flag CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T143054_C001 CFI Retracked Range Flag CFI Retracked Range Flag CFI Retracked Range Flag Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. Indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T144124_20170731T144724_C001 CFI Retracked Range Flag CFI Retracked Range Flag | CS_OFFL_SIR_FDM_2_20170731T091135_20170731T092636_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be |
| CS_OFFL_SIR_FDM_2_20170731T10956_20170731T11515_C001 CFI Retracked Range Flag indicating the values stored in felds #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in felds #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in felds #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in felds #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T141003_20170731T144724_C001 CFI Retracked Range Flag indicating the values stored in felds #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in felds #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in felds #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in felds #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in felds #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in felds #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in felds #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in felds #13, #14, #15 and #16 should be ignored for these records. The master | CS_OFFL_SIR_FDM_2_20170731T092837_20170731T093800_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be |
| CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T123137_20170731T125451_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fall 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_20170731T144124_20170731T144724_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T144124_20170731T144724_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fall flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fall 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_20170731T18519_C001 CFI Retracked Range Flag CFI | CS_OFFL_SIR_FDM_2_20170731T100114_20170731T101727_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be |
| CS_OFFL_SIR_FDM_2_20170731T123137_20170731T125451_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The mas | CS_OFFL_SIR_FDM_2_20170731T110956_20170731T111513_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20170731T141003_20170731T143654_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T165104_20170731T171224_C001 CFI Retracked Range Flag CFI | CS_OFFL_SIR_FDM_2_20170731T123137_20170731T125451_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20170731T144124_20170731T144724_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T181547_20170731T185109_C001 CFI Retracked Range Flag CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T201338_20170731T203043_C001 CFI Retracked Range Flag CFI Retracked Range Flag CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T214336_20170731T215358_C001 CFI Retracked Range Flag CFI Ret | CS_OFFL_SIR_FDM_2_20170731T141003_20170731T143654_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20170731T165104_20170731T1224_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T195418_20170731T200857_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_20170731T224258_20170731T224747_C001 CFI Retracked Range Flag CFI Retracked Range Flag CFI Retracked Range Flag CFI Retracked Range Flag The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fi | CS_OFFL_SIR_FDM_220170731T144124_20170731T144724_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20170731T181547_20170731T185109_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fall 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_20170731T201338_20170731T203043_C001 CFI Retracked Range Flag CF | CS_OFFL_SIR_FDM_2_20170731T165104_20170731T171224_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20170731T195418_20170731T200857_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T210409_20170731T212046_C002 CFI Retracked Range Flag CF | CS_OFFL_SIR_FDM_2_20170731T181547_20170731T185109_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20170731T201338_20170731T203043_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T214336_20170731T215358_C001 CFI Retracked Range Flag CF | CS_OFFL_SIR_FDM_2_20170731T195418_20170731T200857_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20170731T210409_20170731T212046_C002 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T223140_20170731T223832_C001 CFI Retracked Range Flag CF | CS_OFFL_SIR_FDM_2_20170731T201338_20170731T203043_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20170731T214336_20170731T215358_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T223140_20170731T223832_C001 CFI Retracked Range Flag CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T224258_20170731T224747_C001 CFI Retracked Range Flag CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. | CS_OFFL_SIR_FDM_2_20170731T210409_20170731T212046_C002 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20170731T223140_20170731T223832_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T224258_20170731T224747_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. CS_OFFL_SIR_FDM_2_20170731T225031_20170731T225619_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. | CS_OFFL_SIR_FDM_2_20170731T214336_20170731T215358_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20170731T224258_20170731T224747_C001 CFI Retracked Range Flag indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. | CS_OFFL_SIR_FDM_2_20170731T223140_20170731T223832_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20170731T225031_20170731T225619_C001 | CS_OFFL_SIR_FDM_2_20170731T224258_20170731T224747_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. |
| | CS_OFFL_SIR_FDM_220170731T225031_20170731T225619_C001 | CFI Retracked Range Flag | indicating the values stored in fields #13, #14, #15 and #16 should be |

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:

| 24 |
|----|
| |

| Product | Test Failed | Description |
|--|---|---|
| CS_OFFL_SIR_FDM_2_20170731T001523_20170731T003848_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_220170731T015255_20170731T021847_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_220170731T032016_20170731T032417_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_220170731T041417_20170731T044926_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_220170731T055310_20170731T062851_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_220170731T073247_20170731T074722_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_220170731T075412_20170731T080835_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_220170731T084030_20170731T085451_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_220170731T091135_20170731T092636_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_220170731T092837_20170731T093800_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_220170731T100114_20170731T101727_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_220170731T110956_20170731T111513_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_220170731T123137_20170731T125451_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_220170731T141003_20170731T143654_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_220170731T144124_20170731T144724_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_220170731T165104_20170731T171224_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_220170731T181547_20170731T185109_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_220170731T195418_20170731T200857_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_220170731T201338_20170731T203043_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_220170731T210409_20170731T212046_C002 | 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_220170731T214336_20170731T215358_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_220170731T223140_20170731T223832_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_220170731T224258_20170731T224747_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_220170731T225031_20170731T225619_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:

33

| Product | Test Failed | Description |
|---|-------------------------------|---|
| CS_OFFL_SIR_FDM_220170731T001523_20170731T003848_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_220170731T005437_20170731T010702_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_220170731T015255_20170731T021847_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_220170731T032016_20170731T032417_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_220170731T041417_20170731T044926_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_220170731T055310_20170731T062851_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_220170731T073247_20170731T074722_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_220170731T075412_20170731T080835_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_220170731T082127_20170731T083827_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_220170731T084030_20170731T085451_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_220170731T091135_20170731T092636_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_220170731T092837_20170731T093800_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_220170731T100114_20170731T101727_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_220170731T102251_20170731T103534_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_220170731T110956_20170731T111513_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_220170731T114924_20170731T121527_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_220170731T123137_20170731T125451_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_220170731T132652_20170731T133808_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_220170731T141003_20170731T143654_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_220170731T144124_20170731T144724_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_220170731T150021_20170731T153228_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_220170731T163916_20170731T164820_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_220170731T165104_20170731T171224_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_220170731T181547_20170731T185109_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_220170731T195418_20170731T200857_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_220170731T201338_20170731T203043_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_220170731T204828_20170731T210155_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_220170731T210409_20170731T212046_C002 | 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_220170731T214336_20170731T215358_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_220170731T223140_20170731T223832_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_220170731T224258_20170731T224747_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_220170731T225031_20170731T225619_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_220170731T232658_20170731T234754_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 | Nb. Products | Nb. QCC Reports | Nb. Valid | Nb. Warnings | Nb. Errors |
|--------------|--------------|-----------------|-----------|--------------|------------|
| SIR1LRM_0_ | 141 | 141 | 141 | 0 | 0 |
| SIR1SAR_0_ | 104 | 104 | 104 | 0 | 0 |
| SIR1SIN_0_ | 103 | 103 | 103 | 0 | 0 |
| SIR2SIN_0_ | 109 | 109 | 109 | 0 | 0 |
| SIR_FDM_1B | 141 | 141 | 141 | 0 | 0 |
| SIR FDM 2 | 139 | 139 | 139 | 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