



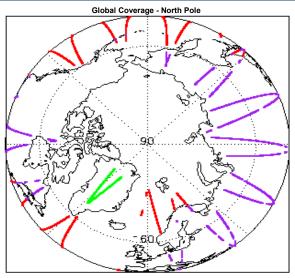
1. Overview

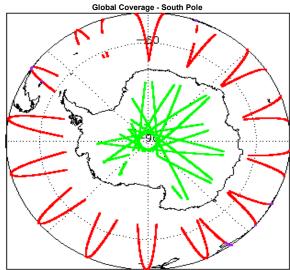
| Report Production Date: | 30-Apr-2019 |
|-------------------------|--------------------------------------|
| Processor Used: | CryoSat Ice Processor |
| Data Used: | L1 and L2 Fast Delivery Marine (FDM) |

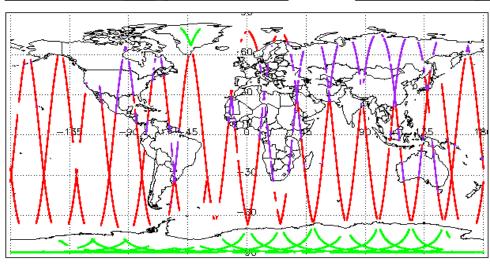
| Check | Status |
|---|--|
| Server check: science-pds.cryosat.esa.int | Nominal |
| Server check: calval-pds.cryosat.esa.int | Nominal |
| Product Software Check | Nominal |
| Product Format Check | Nominal |
| Product Header Analysis | See Section 4.2 |
| Star Tracker Usage Check | See Section 5.3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

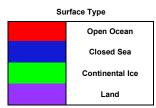
| Mis | Mission / Instrument News | |
|-----|---------------------------|-----------------|
| 28 | 3-Apr-2019 | None |
| 29 | 9-Apr-2019 | None |
| 30 | 0-Apr-2019 | Nothing planned |

2. Global Coverage









3. Instrument Configuration

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

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

4. Level 0 Data Quality Check

4.1 L0 Product Format Check

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

4.2 L0 Product Header Analysis

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

Number of products with errors:

| Product | Test Failed |
|--|---|
| CS_OPER_SIR1SAR_020190429T155454_20190429T160014_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SAR_0_20190429T210743_20190429T211106_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SAR_020190429T192833_20190429T192935_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SAR_0_20190429T214835_20190429T215124_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SAR_020190429T191040_20190429T191819_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SIN_020190429T014615_20190429T015212_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SIN_020190429T040928_20190429T041044_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020190429T040928_20190429T041044_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020190429T150916_20190429T151406_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020190429T030152_20190429T030314_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020190429T065710_20190429T065837_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020190429T161128_20190429T161507_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_20190429T055017_20190429T055335_C001 | No Star Tracker file used in the processing of this product |
| CS_OFFL_SIR_FDM_1B_20190429T072951_20190429T073042_C001 | No Star Tracker file used in the processing of this product |
| CS_OFFL_SIR_FDM_1B_20190429T090917_20190429T090944_C001 | No Star Tracker file used in the processing of this product |
| CS_OFFL_SIR_FDM_1B_20190429T123244_20190429T123517_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_20190429T055017_20190429T055335_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_1B_20190429T072951_20190429T073042_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_1B_20190429T090917_20190429T090944_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_1B_20190429T123244_20190429T123517_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_1B_20190429T125028_20190429T130440_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).

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:

0

0

6.4 L2 FDM Auxiliary Correction Error Check

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

Number of products with errors:

37

| S_OFFL_SIR_FDM_2_20190429T002213_20190429T003818_C001 Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction for one or more records 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 | Product | Test Failed | Description |
|--|---|---------------------------------------|---|
| Sophil, Sirk PDM 2, 20104429710442, 20104297101431, 2010 Sophil, Sirk PDM 2, 201044297101432, 20104297101431, 2010 Sophil, Sirk PDM 2, 201044297101307, 20104297101431, 2010 Sophil, Sirk PDM 2, 201044297101307, 20104297101431, 2010 Sophil, Sirk PDM 2, 201044297101307, 20104297101432, 2010 Sophil, Sirk PDM 2, 201044297101432, 20104297101441, 20104297101442, 20104297101443, 20104297101443, 20104297101443, 20104297101443, 20104297101443, 20104297101443, 20104297101443, 20104297101443, 20104297101443, 20104297101443, 201042971014443, 20104297101444, 20104297101 | CS_OFFL_SIR_FDM_220190429T002213_20190429T003818_C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| See Silete Blas Correction, Allimette See Silete Blas Correction, Allimette Wind Speed See Silete Blas Co | CS_OFFL_SIR_FDM_220190429T004422_20190429T005130_C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| SOFEL, SIR, FDM 2, 201904297104329, 2019042971043015, COID SOFEL, SIR, FDM 2, 2019042971043016, 2019042971043015, COID SOFEL, SIR, FDM 2, 201904297104300, 2019042971043015, COID SOFEL, SIR, FDM 2, 201904297104300, 2019042971043015, COID SOFEL, SIR, FDM 2, 201904297104300, 201904297104301, COID SOFEL, SIR, FDM 2, 201904297104301, 201904297104301, COID SOFEL, SIR, FDM 2, 201904297104302, 201904297104304, COID SOFEL, SIR, FDM 2, 201904297104302, 201904297110304, COID SOFEL, SIR, FDM 2, 201904297110502, 201904297114300, COID SOFEL, SIR, FDM 2, 201904297110502, 201904297114300, COID SOFEL, SIR, FDM 2, 201904297114002, 20190429713200, COID SOFEL, SIR, FDM 2, 201904297114002, 201904297133004, COID SOFEL, SIR, FDM 2, 201904297134002, 201904297133004, COID SOFEL, SIR, FDM 2, 201904297134002, 201904297133004, COID SOFEL, SIR, FDM 2, 201904297134002, 201904297133004, COID SOFEL, SIR, FDM 2, 201904297134004, 201904297133004, COID SOFEL, SIR, FDM 2, 201904297134004, 201904297133004, COID SOFEL, SIR, FDM 2, 201904297134004, 201904297133004, COID SOFEL, SIR, | CS_OFFL_SIR_FDM_220190429T011305_20190429T012823_C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| SUPPLUSIFIED ALL 20190429710329 (201904297104038). COST State Blas Correction, Altimetric Wind Speed and Sea State Blas Correction, Altimetric Wind Speed And Sea State Blas Correction, Altimetric Wind Speed And Sea State Blas Correction Speed State | S_OFFL_SIR_FDM_220190429T013037_20190429T014541_C001 | | |
| SOFFL_SIR_PDM_2_20100429704025 20104297104035 2001 So GFFL_SIR_PDM_2_20100429704025 20104297040316 2001 So GFFL_SIR_PDM_2_20100429704036 201042970405 2001 So GFFL_SIR_PDM_2_20100429704306 201042970405 2001 So GFFL_SIR_PDM_2_20100429704306 201042970445 2001 So GFFL_SIR_PDM_2_20100429704306 20104297045 2001 So GFFL_SIR_PDM_2_20100429704309 20104297045 2001 So GFFL_SIR_PDM_2_20100429704193 201042970035 2001 So GFFL_SIR_PDM_2_20100429704309 20104297045 2001 So GFFL_SIR_PDM_2_20100429704193 20104297045 2001 So GFFL_SIR_PDM_2_20100429704309 20104297045 2001 So GFFL_SIR_PDM_2_20100429704309 20104297045 2001 So GFFL_SIR_PDM_2_20100429704309 20104297045 2001 So GFFL_SIR_PDM_2_2010042970439 20104297045 2001 So GFFL_SIR_PDM_2_20100429710382 201042971039 2001 So GFFL_SIR_PDM_2_20100429710382 201042971045 2001 So GFFL_SIR_PDM_2_20100429710382 20104297114157 2001 So GFFL_SIR_PDM_2_2010042971309 20104297114157 2001 So GFFL_SIR_PDM_2_2010042971309 20104297114157 2001 So GFFL_SIR_PDM_2_2010042971309 201042971309 2010429711415 2001 So GFFL_SIR_PDM_2_2010042971309 201042971309 | S_OFFL_SIR_FDM_220190429T020116_20190429T021609_C001 | Wind Speed | Correction for one or more records |
| SUPPL_SIR_FDM_2_201904297034053_00190429704038_C001 So CPFL_SIR_FDM_2_201904297034053_00190429704018_C001 So CPFL_SIR_FDM_2_201904297034053_00190429704018_C001 So CPFL_SIR_FDM_2_201904297070340_20190429704018_C001 So CPFL_SIR_FDM_2_201904297070340_201904297070450_C001 So CPFL_SIR_FDM_2_201904297070340_201904297070450_C001 So CPFL_SIR_FDM_2_201904297070340_201904297070450_C001 So CPFL_SIR_FDM_2_201904297070340_201904297070450_C001 So CPFL_SIR_FDM_2_201904297070340_C001 So CPFL_SIR_FDM_2_201904297070340_C001 So CPFL_SIR_FDM_2_20190429710130_201904297102036_C001 So CPFL_SIR_FDM_2_20190429710130_201904297102036_C001 So CPFL_SIR_FDM_2_20190429710130_201904297102036_C001 So CPFL_SIR_FDM_2_20190429710130_201904297102036_C001 So CPFL_SIR_FDM_2_20190429710130_201904297102036_C001 So CPFL_SIR_FDM_2_201904297102036_C001 So CPFL_SIR_FDM_2_201904297102036_20190429710206_C001 So CPFL_SIR_FDM_2_201904297102036_20190429710206_C001 So CPFL_SIR_FDM_2_2019042971102036_201904297110206_C001 So CPFL_SIR_FDM_2_201904297110206_201904297110206_C001 So CPFL_SIR_FDM_2_201904297110206_201904297110206_C001 So CPFL_SIR_FDM_2_201904297110206_201904297110206_C001 So CPFL_SIR_FDM_2_201904297110206_201904297110206_C001 So CPFL_SIR_FDM_2_201904297110206_C001 So CPFL_SIR_FDM_2_201904297110206_C001 So CPFL_SIR_FDM_2_201904297110206_C001 So CPFL_SIR_FDM_2_201904297110206_C001 So CPFL_SIR_FDM_2_201904297110206_C001 So CPFL_SIR_FDM_2_201904297110206_C001004297110206_C001 So CPFL_SIR_FDM_2_201904297110206_C0010042971102 | S_OFFL_SIR_FDM_220190429T021748_20190429T023329_C001 | Wind Speed | Correction for one or more records |
| S, OFFL_SIR_FDM_2_201904297104329_201904297104391_COOT Sea Slate Bias Correction Se | S_OFFL_SIR_FDM_220190429T025551_20190429T030152_C001 | Wind Speed | Correction for one or more records |
| Sea State Bas Correction Sea State Bas Correct | S_OFFL_SIR_FDM_220190429T034053_20190429T040338_C001 | | Correction for one or more records |
| So CPFL_SIR_FEM_2_2019042071072041_201904207107242_C001 Sea State Bias Correction Altimetric Wind Speed and Sea State Bias Correction For one or more records Sea State Bias Correction Altimetric Wind Speed and Sea State Bias Correction For one or more records Sea State Bias Correction For one or more records Sea State Bias Correction For one or more records Sea State Bias Correction For one or more records Sea State Bias Correction For one or more records Sea State Bias Correction For one or more records Sea State Bias Correction For one or more records Sea State Bias Correction For one or more records Sea State Bias Correction For one or more records Sea State Bias Correction For one or more records Sea State Bias Correction For one or more records Sea State Bias Correction For one or more records Sea State Bias Correction For one or more records Sea State Bias Correction For one or more | S_OFFL_SIR_FDM_220190429T042929_20190429T043018_C001 | | records |
| See State Bias Correction, Altimetric Wind Speed and See State Bias Correction, Altimetric Wind Speed with the Altimetric Wind Speed and See State Bias Correction, Altimetric Wind Speed with the Altimetric Wind Speed and See State Bias Correction for one or more records. S. OFFL_SIR_FDM_2_20190429710328_201904297100328_2010 S. OFFL_SIR_FDM_2_20190429710328_20190429710448_0001 S. OFFL_SIR_FDM_2_20190429711082_201904297114187_0011 S. OFFL_SIR_FDM_2_20190429711082_201904297114187_0011 S. OFFL_SIR_FDM_2_20190429711082_201904297114187_0011 S. OFFL_SIR_FDM_2_20190429711082_201904297114187_0011 S. OFFL_SIR_FDM_2_20190429711908_201904297114187_0011 S. OFFL_SIR_FDM_2_20190429711082_2019042971130440_0011 S. OFFL_SIR_FDM_2_2019042971130440_0011 S. OFFL_SIR_FDM_2_201904297130546_201904297130440_001 S. OFFL_SIR_FDM_2_201904297130546_201904297130440_001 S. OFFL_SIR_FDM_2_201904297130546_20190429713056_001 S. OFFL_SIR_FDM_2_20190429714056_00100429713056_001 S. OFFL_SIR_FDM_2_201904297140656_0010 S. OFFL_SIR_FDM_2_20190429715002_20190429713056_001 S. OFFL_SIR_FDM_2_20190429715002_20190429713056_001 S. OFFL_SIR_FDM_2_20190429715002_20190429713056_001 S. OFFL_SIR_FDM_2_20190429715002_20190429713057_001 S. OFFL_SIR_FDM_2_20190429715002_20190429713057_001 S. OFFL_SIR_FDM_2_20190429716938_00100429713057_001 S. OFFL_SIR_FDM_2_20190429716938_00100429713057_001 S. OFFL_SIR_FDM_2_20190429716938_00100429713056_001 S. OFFL_SIR_FDM_2_2019042971 | S_OFFL_SIR_FDM_220190429T051945_20190429T054626_C001 | | Correction for one or more records |
| SpeFL_SIR_FDM_2_201904297109319_20190429710408_2019 SpeFL_SIR_FDM_2_201904297109319_201904297102945_C001 SpeFL_SIR_FDM_2_201904297109325_20190429710408_C001 SpeFL_SIR_FDM_2_201904297109325_20190429710408_C001 SpeFL_SIR_FDM_2_201904297109325_201904297110408_C001 SpeFL_SIR_FDM_2_201904297109325_20190429710408_C001 SpeFL_SIR_FDM_2_201904297109325_20190429710408_C001 SpeFL_SIR_FDM_2_201904297109325_20190429710408_C001 SpeFL_SIR_FDM_2_201904297109325_20190429710408_C001 SpeFL_SIR_FDM_2_201904297109325_20190429710408_C001 SpeFL_SIR_FDM_2_201904297109325_20190429710408_C001 SpeFL_SIR_FDM_2_201904297109325_20190429710408_C001 SpeFL_SIR_FDM_2_201904297109325_20190429710408_C001 SpeFL_SIR_FDM_2_201904297109325_201904297109409_C001 SpeFL_SIR_FDM_2_201904297109326_C01904297109409_C001 SpeFL_SIR_FDM_2_201904297109326_C01904297109409_C001 SpeFL_SIR_FDM_2_201904297109328_201904297109409_C001 SpeFL_SIR_FDM_2_201904297109328_20190429710956_C001 SpeFL_SIR_FDM_2_201904297151042_201904297110556_C001 SpeFL_SIR_FDM_2_201904297151042_201904297110956_C001 SpeFL_SIR_FDM_2_201904297151042971510956_C001 SpeFL_SIR_FDM_2_201904297151042_2019042971109338_C001 SpeFL_SIR_FDM_2_201904297151042971511093_C001 SpeFL_SIR_FDM_2_20190429715109238_201904297113935_C001 SpeFL_SIR_FDM_2_20190429715109238_201904297113935_C001 SpeFL_SIR_FDM_2_20190429715109238_201904297112200_C001 SpeFL_SIR_FDM_2_20190429715109238_201904297112300_C001 SpeFL_SIR_FDM_2_20190429715109238_201904297112300_C001 SpeFL_SIR_FDM_2_201904297109338_201904297139383_C001 SpeFL_SIR_FDM_2_201904297109338_201904297132850_C001 SpeFL_SIR_FDM_2_201904297109338_201904297132850_C001 SpeFL_SIR_FDM_2_201904297109338_201904297132850_C001 SpeFL_SIR_FDM_2_201904297109338_201904297132850_C001 SpeFL_SIR_FDM_2_201904297109338_201904297132850_C001 SpeFL_SIR_FDM_2_201904297109338_201904297123850_C001 SpeFL_SIR_FDM_2_201904297109338_201904297123850_C001 SpeFL_SIR_FDM_2_201904297109338_201904297123850_C001 SpeFL_SIR_FDM_2_201904297109338_201904297123850_C001 SpeFL_SIR | S_OFFL_SIR_FDM_220190429T063356_20190429T064515_C001 | | records |
| So CFFL_SIR_FDM_2_20190429T09313_20190429T091718_COOI Sas State Bias Correction, Altimetric Wind Speed So CFFL_SIR_FDM_2_20190429T109325_20190429T104040_COOI Sas State Bias Correction, Altimetric Wind Speed So CFFL_SIR_FDM_2_20190429T109325_20190429T10406_COOI Sas State Bias Correction, Altimetric Wind Speed So CFFL_SIR_FDM_2_20190429T109325_20190429T10406_COOI Sas State Bias Correction, Altimetric Wind Speed So CFFL_SIR_FDM_2_20190429T109325_20190429T114157_COOI Sas State Bias Correction, Altimetric Wind Speed So CFFL_SIR_FDM_2_20190429T116502_20190429T11475_COOI So State Bias Correction, Altimetric Wind Speed So CFFL_SIR_FDM_2_20190429T190032_20190429T130406_COOI So State Bias Correction, Altimetric Wind Speed So CFFL_SIR_FDM_2_20190429T130042_20190429T130406_COOI So State Bias Correction, Altimetric Wind Speed So CFFL_SIR_FDM_2_20190429T130042_20190429T130406_COOI So State Bias Correction, Altimetric Wind Speed So CFFL_SIR_FDM_2_20190429T130462_20190429T130406_COOI So State Bias Correction, Altimetric Wind Speed So CFFL_SIR_FDM_2_20190429T130462_20190429T130406_COOI So CFFL_SIR_FDM_2_20190429T130462_20190429T130406_COOI So CFFL_SIR_FDM_2_20190429T144106_COOI So CFFL_SIR_FDM_2_20190429T140656_COOI So CFFL_SIR_FDM_2_20190429T1506_20190429T130430_COOI So CFFL_SIR_FDM_2_20190429T1506_20190429T130600000000000000000000000000000000000 | S_OFFL_SIR_FDM_220190429T072041_20190429T072642_C001 | Wind Speed | Correction for one or more records |
| S_OFFL_SIR_FDM_2_01994/29104391392491094295 Constitution for one or more records S_OFFL_SIR_FDM_2_01994/29110436_201904297102945_Constitution for one or more records S_OFFL_SIR_FDM_2_01994/29110436_201904297104408_Constitution for one or more records S_OFFL_SIR_FDM_2_01994/29110392_201904/291104408_Constitution for one or more records S_OFFL_SIR_FDM_2_01994/29110852_01994/291114157_Constitution for one or more records S_OFFL_SIR_FDM_2_01994/29110804/291094/29111457_Constitution for one or more records S_OFFL_SIR_FDM_2_01994/29110804/291094/29110804/2001 S_OFFL_SIR_FDM_2_01994/29110804/291094/29110804/2001 S_OFFL_SIR_FDM_2_01994/291125028_01994/291108056_Constitution for one or more records S_OFFL_SIR_FDM_2_01994/291139440_Constitution for one or more records S_OFFL_SIR_FDM_2_01994/291139440_Constitution for one or more records S_OFFL_SIR_FDM_2_01994/291130546_01994/29114408_Constitution for one or more records S_OFFL_SIR_FDM_2_01994/291139440_Constitution for one or more records S_OFFL_SIR_FDM_2_01994/291130546_01994/291144408_Constitution for one or more records S_OFFL_SIR_FDM_2_01994/291154406_01994/291144108_Constitution for one or more records S_OFFL_SIR_FDM_2_01994/291154408_01994/291154108056_Constitution for one or more records S_OFFL_SIR_FDM_2_01994/291154408_01994/291154108_01994/ | S_OFFL_SIR_FDM_220190429T074950_20190429T082415_C001 | Wind Speed | Correction for one or more records |
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| S_OFFL_SIR_FDM_2_20190429T115702_20190429T12003 S_OFFL_SIR_FDM_2_20190429T120033_20190429T12006_CO01 S_OFFL_SIR_FDM_2_20190429T120033_20190429T13066_CO01 S_OFFL_SIR_FDM_2_20190429T120033_20190429T13066_CO01 S_OFFL_SIR_FDM_2_20190429T130546_20190429T13213_CO01 S_OFFL_SIR_FDM_2_20190429T130546_20190429T13213_CO01 S_OFFL_SIR_FDM_2_20190429T130546_20190429T13213_CO01 S_OFFL_SIR_FDM_2_20190429T130546_20190429T13413_CO01 S_OFFL_SIR_FDM_2_20190429T144426_20190429T15413_CO01 S_OFFL_SIR_FDM_2_20190429T15406_20190429T15413_CO01 S_OFFL_SIR_FDM_2_20190429T15406_20190429T15476_CO01 S_OFFL_SIR_FDM_2_20190429T15406_20190429T15406_CO01 S_OFFL_SIR_FDM_2_20190429T15406_20190429T15406_CO01 S_OFFL_SIR_FDM_2_20190429T15406_20190429T15406_CO01 S_OFFL_SIR_FDM_2_20190429T15406_CO01 S_OFFL_SIR_FDM_2_20190429T15406_CO01 S_OFFL_SIR_FDM_2_20190429T15406_CO01 S_OFFL_SIR_FDM_2_20190429T15406_CO01 S_OFFL_SIR_FDM_2_20190429T15406_CO01 S_OFFL_SIR_FDM_2_20190429T15406_CO01 S_OFFL_SIR_FDM_2_20190429T15406_CO01 S_OFFL_SIR_FDM_2_20190429T15406_CO01 S_OFFL_SIR_FDM_2_20190429T15406_CO01 S_OFFL_SIR_FDM_2_20190429T160526_CO01 S_OFFL_SIR_FDM_2_20190429T160526_C001 S_OFFL_SIR_FDM_2_20190429T155124_C0190429T20567_C001 S_OFFL_SIR_FDM_2_20190429T251524_C001 S_OFFL_SIR_FDM_2_20190429T251526_C001 S_OFFL_SIR_FDM_2 | S_OFFL_SIR_FDM_220190429T103925_20190429T104408_C001 | | records |
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| S_OFFL_SIR_FDM_2_20190429T144126_20190429T144408_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 S_OFFL_SIR_FDM_2_20190429T16526_20190429T163947_C001 S_OFFL_SIR_FDM_2_20190429T16526_20190429T172200_C001 S_OFFL_SIR_FDM_2_20190429T16526_20190429T172200_C001 S_OFFL_SIR_FDM_2_20190429T185250_20190429T181917_C001 S_OFFL_SIR_FDM_2_20190429T184946_20190429T190703_C001 S_OFFL_SIR_FDM_2_20190429T184946_20190429T190703_C001 S_OFFL_SIR_FDM_2_20190429T189936_20190429T190703_C001 S_OFFL_SIR_FDM_2_20190429T192936_20190429T193953_C001 S_OFFL_SIR_FDM_2_20190429T192936_20190429T204557_C001 S_OFFL_SIR_FDM_2_20190429T211906_20190429T213820_C001 S_OFFL_SIR_FDM_2_20190429T211906_20190429T213820_C001 S_OFFL_SIR_FDM_2_20190429T215124_20190429T22548_C001 S_OFFL_SIR_FDM_2_20190429T215124_20190429T22548_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T22552_20190429T2355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T2355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T2355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T2355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T2355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T2355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T2355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T2355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T2355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T2355_C001 S_OFFL_SIR_FDM_2_20190429T25522_20190429T2355_C001 S_OFFL_SIR_FDM_2_20190429T233131_20190429T225552 S_OFFL_SIR_FDM_2_20190429T25522_20190429T2355_C001 S_O | | | records |
| Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Correction for | | Wind Speed | Correction for one or more records |
| Wind Speed S_OFFL_SIR_FDM_2_20190429T151424_20190429T153756_C001 Sea State Bias Correction, Altimetric Wind Speed and Sea State Bias Correction for one or more records S_OFFL_SIR_FDM_2_20190429T16705_20190429T172200_C001 S_OFFL_SIR_FDM_2_20190429T165256_20190429T172200_C001 S_OFFL_SIR_FDM_2_20190429T175250_20190429T181917_C001 S_OFFL_SIR_FDM_2_20190429T175250_20190429T181917_C001 S_OFFL_SIR_FDM_2_20190429T184946_20190429T190703_C001 S_OFFL_SIR_FDM_2_20190429T184946_20190429T190703_C001 S_OFFL_SIR_FDM_2_20190429T192936_20190429T193953_C001 S_OFFL_SIR_FDM_2_20190429T192936_20190429T193953_C001 S_OFFL_SIR_FDM_2_20190429T201215_20190429T204557_C001 S_OFFL_SIR_FDM_2_20190429T201215_20190429T22548_C001 S_OFFL_SIR_FDM_2_20190429T215124_20190429T222548_C001 S_OFFL_SIR_FDM_2_20190429T223754_20190429T223812_C001 S_OFFL_SIR_FDM_2_20190429T223754_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T223754_20190429T233125_C001 S_OFFL_SIR_FDM_2_20190429T23733131_20190429T234738_C001 S_OFFL_SIR_FDM_2_20190429T23733131_20190429T234738_C001 S_OFFL_SIR_FDM_2_20190429T2333131_20190429T234738_C001 S_OFFL_SIR_FDM_2_201904 | | | records |
| S_OFFL_SIR_FDM_2_20190429T16705_20190429T163947_C001 S_OFFL_SIR_FDM_2_20190429T165256_20190429T172200_C001 S_OFFL_SIR_FDM_2_20190429T165256_20190429T181917_C001 S_OFFL_SIR_FDM_2_20190429T175250_20190429T181917_C001 S_OFFL_SIR_FDM_2_20190429T184946_20190429T190703_C001 S_OFFL_SIR_FDM_2_20190429T192936_20190429T190703_C001 S_OFFL_SIR_FDM_2_20190429T192936_20190429T190703_C001 S_OFFL_SIR_FDM_2_20190429T192936_20190429T190429T204557_C001 S_OFFL_SIR_FDM_2_20190429T201215_20190429T204557_C001 S_OFFL_SIR_FDM_2_20190429T211906_20190429T213820_C001 S_OFFL_SIR_FDM_2_20190429T215124_20190429T223842_C001 S_OFFL_SIR_FDM_2_20190429T25522_20190429T223812_C001 S_OFFL_SIR_FDM_2_20190429T25522_20190429T231355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231255_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231355_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231355_C001 S_OFFL_SIR_FDM_2_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20190429T233131_20 | | Wind Speed | Correction for one or more records |
| 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 Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed Sea State Bias Corr | | Wind Speed | Correction for one or more records |
| Sea State Bias Correction Sea State Bias Correction, Altimetric Wind Speed Sea State B | | Wind Speed | Correction for one or more records |
| Wind Speed S_OFFL_SIR_FDM_2_20190429T184946_20190429T190703_C001 S_OFFL_SIR_FDM_2_20190429T192936_20190429T193953_C001 S_OFFL_SIR_FDM_2_20190429T201215_20190429T204557_C001 S_OFFL_SIR_FDM_2_20190429T211906_20190429T213820_C001 S_OFFL_SIR_FDM_2_20190429T211906_20190429T213820_C001 S_OFFL_SIR_FDM_2_20190429T215124_20190429T222548_C001 S_OFFL_SIR_FDM_2_20190429T215124_20190429T223812_C001 S_OFFL_SIR_FDM_2_20190429T223754_20190429T223812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T223812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T223812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T234738_C001 S_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_C001 S_OFFL_SIR_FDM_2_20190429T233131_20190429T23 | | | records |
| S_OFFL_SIR_FDM_2_20190429T192936_20190429T193953_C001 S_OFFL_SIR_FDM_2_20190429T201215_20190429T204557_C001 S_OFFL_SIR_FDM_2_20190429T211906_20190429T213820_C001 S_OFFL_SIR_FDM_2_20190429T211906_20190429T213820_C001 S_OFFL_SIR_FDM_2_20190429T215124_20190429T222548_C001 S_OFFL_SIR_FDM_2_20190429T215124_20190429T222548_C001 S_OFFL_SIR_FDM_2_20190429T215124_20190429T223812_C001 S_OFFL_SIR_FDM_2_20190429T223754_20190429T223812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T235522_20190429T23812_C001 S_OFFL_SIR_FDM_2_20190429T235522_20190429T234738_C001 S_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_C001 S_OFFL_SIR_FDM_2_2 | | Wind Speed | Correction for one or more records |
| 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 Altimetric Wind Speed and Sea State Bias Correction, Altimetric Wind Speed There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records 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 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 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 Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias Correc | | Wind Speed | Correction for one or more records |
| Sea State Bias Correction, Altimetric S_OFFL_SIR_FDM_2_20190429T211906_20190429T2213820_C001 Sea State Bias Correction, Altimetric Wind Speed S_OFFL_SIR_FDM_2_20190429T215124_20190429T222548_C001 S_OFFL_SIR_FDM_2_20190429T223754_20190429T223812_C001 S_OFFL_SIR_FDM_2_20190429T223754_20190429T223812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231255_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231255_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231255_C001 S_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_C001 S_OFFL_SIR_FDM_2_20190429T234738_C001 S_OFFL_SIR_FDM_2_20190429T234738_C001 S_OFFL_SIR_FDM_2_20190429T234738_C001 S_OFFL_SIR_FDM_2_20190429T234738_C001 S_OFFL_SIR_FDM_2_20190429T234738_C001 S_OFFL_SIR_FDM_2_20190429T234738_C001 S_ | | Wind Speed | Correction for one or more records |
| S_OFFL_SIR_FDM_2_201904291213920_0001 S_OFFL_SIR_FDM_2_20190429T215124_20190429T222548_C001 S_OFFL_SIR_FDM_2_20190429T223754_20190429T223812_C001 S_OFFL_SIR_FDM_2_20190429T223754_20190429T223812_C001 S_OFFL_SIR_FDM_2_20190429T223752_20190429T223812_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231255_C001 S_OFFL_SIR_FDM_2_20190429T225522_20190429T231255_C001 S_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_C001 | | | records |
| S_OFFL_SIR_FDM_2_201904291213124_201904291222348_C001 Wind Speed S_OFFL_SIR_FDM_2_201904297223754_201904297223812_C001 S_OFFL_SIR_FDM_2_201904297225522_201904297231255_C001 S_OFFL_SIR_FDM_2_201904297225522_201904297231255_C001 Sea State Bias Correction Sea State Bias Correction Sea State Bias Correction, Altimetric There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records Sea State Bias Correction, Altimetric 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 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 wind Speed and Sea State Bias Correction wind Speed and Sea State Bias Correction wind | | Wind Speed | Correction for one or more records |
| Wind Speed Correction for one or more records S_OFFL_SIR_FDM_2_20190429T225522_20190429T231255_C001 Sea State Bias Correction Sea State Bias Correction, Altimetric Sea State Bias Correction, Altimetric There is an error with the Sea State Bias Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias | | Wind Speed | Correction for one or more records |
| Sea State Bias Correction records Sea State Bias Correction There is an error with the Altimetric Wind Speed and Sea State Bias Correction, Altimetric | | Wind Speed | Correction for one or more records |
| | | | records |
| | :S_OFFL_SIR_FDM_220190429T233131_20190429T234738_C001 | | |

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_220190429T055017_20190429T055335_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_220190429T072951_20190429T073042_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_220190429T090917_20190429T090944_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_220190429T123244_20190429T123517_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_220190429T125028_20190429T130440_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:

19

| Product | Test Failed | Description |
|---|--------------------------|---|
| CS_OFFL_SIR_FDM_220190429T002213_20190429T003818_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_220190429T004422_20190429T005130_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_220190429T011305_20190429T012823_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_220190429T013037_20190429T014541_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_220190429T020116_20190429T021609_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_220190429T021748_20190429T023329_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_220190429T025551_20190429T030152_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_220190429T051945_20190429T054626_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_220190429T072041_20190429T072642_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_220190429T110852_20190429T114157_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_220190429T120023_20190429T123056_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_220190429T125028_20190429T130440_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_220190429T135419_20190429T140556_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_220190429T151424_20190429T153756_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_220190429T161705_20190429T163947_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_220190429T192936_20190429T193953_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_220190429T215124_20190429T222548_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_220190429T223754_20190429T223812_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_220190429T233131_20190429T234738_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:

19

| Product | Test Failed | Description |
|---|---|---|
| CS_OFFL_SIR_FDM_220190429T002213_20190429T003818_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_220190429T004422_20190429T005130_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_220190429T011305_20190429T012823_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_220190429T013037_20190429T014541_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_220190429T020116_20190429T021609_C001 | CFI Backscatter Status Flag, SWH Squared Averaging Status Flag | The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |

| CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20190429T051945_20190429T07642_C001 CS_OFFL_SIR_FDM_2_20190429T070241_20190429T07642_C001 CS_OFFL_SIR_FDM_2_20190429T10652_20190429T110652_20190429T114057_C001 CS_OFFL_SIR_FDM_2_20190429T10052_20190429T120066_C001 CS_OFFL_SIR_FDM_2_20190429T120023_20190429T123066_C001 CS_OFFL_SIR_FDM_2_20190429T120023_20190429T123066_C001 CS_OFFL_SIR_FDM_2_20190429T120023_20190429T130440_C001 CS_OFFL_SIR_FDM_2_20190429T135419_20190429T130566_C001 CS_OFFL_SIR_FDM_2_20190429T135419_20190429T140556_C001 CS_OFFL_SIR_FDM_2_20190429T150024_20190429T140556_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T163786_C001 CS_OFFL_SIR_FDM_2_20190429T16705_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T16705_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T192936_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T16705_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T152048_C0010429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T153442_20190429T222548_C001 CS_OFFL_SIR_FDM_2_20190429T129386_20190429T163953_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI B | CS_OFFL_SIR_FDM_220190429T021748_20190429T023329_C001 | CFI Backscatter Status Flag, SWH Squared Averaging Status Flag | The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
|--|---|---|---|
| S_OFFL_SIR_FDM_2_20190429T072041_20190429T072642_C001 CS_OFFL_SIR_FDM_2_20190429T072041_20190429T072642_C001 CS_OFFL_SIR_FDM_2_20190429T10852_20190429T114157_C001 CS_OFFL_SIR_FDM_2_20190429T110852_20190429T1123056_C001 CS_OFFL_SIR_FDM_2_20190429T120023_20190429T123056_C001 CS_OFFL_SIR_FDM_2_20190429T120023_20190429T123056_C001 CS_OFFL_SIR_FDM_2_20190429T120023_20190429T130440_C001 CS_OFFL_SIR_FDM_2_20190429T13528_20190429T130440_C001 CS_OFFL_SIR_FDM_2_20190429T135419_20190429T130440_C001 CS_OFFL_SIR_FDM_2_20190429T135419_20190429T130440_C001 CS_OFFL_SIR_FDM_2_20190429T135419_20190429T130456_C001 CS_OFFL_SIR_FDM_2_20190429T15424_20190429T153756_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T16705_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T16705_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T151242_20190429T183953_C001 CS_OFFL_SIR_FDM_2_20190429T151242_20190429T183953_C001 CS_OFFL_SIR_FDM_2_20190429T151242_20190429T183953_C001 CS_OFFL_SIR_FDM_2_20190429T151242_20190429T22588_C001 CS_OFFL_SIR_FDM_2_20190429T151242_20190429T22588_C001 CS_OFFL_SIR_FDM_2_20190429T151242_20190429T183953_C001 CS_OFFL_SIR_FDM_2_20190429T151242_20190429T223812_C001 CS_OFFL_SIR_FDM_2_20190429T251242_20190429T223812_C001 CS_OFFL_SIR_FDM_2_20190429T251242_20190429T23812_C001 CS_OFFL_SIR_FDM_2_20190429T233313_20190429T23812_C001 CS_OFFL_SIR_FDM_2_20190429T251243_0190429T223812_C001 CS_OFFL_SIR_FDM_2_20190429T233313_20190429T23812_C001 CS_OFFL_SIR_FDM_2_20190429T233313_20190429T23812_C001 CS_OFFL_SIR_FDM_2_20190429T233313_20190429T23812_C001 CS_OFFL_SIR_FDM_2_20190429T233313_20190429T234738_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag SWH Square | CS_OFFL_SIR_FDM_220190429T025551_20190429T030152_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20190429T10852_20190429T14157_CO01 CS_OFFL_SIR_FDM_2_20190429T110852_20190429T123056_CO01 CS_OFFL_SIR_FDM_2_20190429T120023_20190429T123056_CO01 CS_OFFL_SIR_FDM_2_20190429T120023_20190429T123056_CO01 CS_OFFL_SIR_FDM_2_20190429T125028_20190429T130440_CO01 CS_OFFL_SIR_FDM_2_20190429T125028_20190429T130440_CO01 CS_OFFL_SIR_FDM_2_20190429T135419_20190429T140556_CO01 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T140556_CO01 CS_OFFL_SIR_FDM_2_20190429T1515424_20190429T140556_CO01 CS_OFFL_SIR_FDM_2_20190429T1515424_20190429T163947_CO01 CS_OFFL_SIR_FDM_2_20190429T161705_20190429T163947_CO01 CS_OFFL_SIR_FDM_2_20190429T161705_20190429T163947_CO01 CS_OFFL_SIR_FDM_2_20190429T161705_20190429T163947_CO01 CS_OFFL_SIR_FDM_2_20190429T161705_20190429T163947_CO01 CS_OFFL_SIR_FDM_2_20190429T151244_20190429T193953_CO01 CS_OFFL_SIR_FDM_2_20190429T151244_20190429T222548_CO01 CS_OFFL_SIR_FDM_2_20190429T25124_20190429T222548_CO01 CS_OFFL_SIR_FDM_2_20190429T25124_20190429T223812_CO01 CS_OFFL_SIR_FDM_2_20190429T25124_20190429T223812_CO01 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T233131_20190429T234738_CO01 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_CO01 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_CO01 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_CO01 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_CO01 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T2334738_CO01 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T2234738_CO01 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T2334738_CO01 CCS_OFFL_SIR_FDM_2_20190429T233131_20190429T2334738_CO01 CCS_OFFL_SIR_FDM_2_20190429T233131_20190429T2334738_CO01 CCS_OFFL_SIR_FDM_2_20190429T233131_20190429T2334738_CO01 CCS_OFFL_SIR_FDM_2_20190429T233131_20190429T2234738_CO01 CCS_OFFL_SIR_FDM_2_20190429T233131_20190429T2234738_CO01 CCS_OFFL_SIR_FDM_2_20190429T233131_20190429T2234738_CO01 CCS_OFFL_SIR_FDM_2_20190429T233131_20190429T2234738_CO01 CCS_OFFL_SIR_FDM_2_20190429T233131_20190429T2234738_CO01 CCS_OFFL_SIR_FDM_2_20190429T233131_20190429T2234738_CO | CS_OFFL_SIR_FDM_220190429T051945_20190429T054626_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20190429T120023_20190429T123056_C001 CS_OFFL_SIR_FDM_2_20190429T120023_20190429T123056_C001 CS_OFFL_SIR_FDM_2_20190429T125028_20190429T130440_C001 CS_OFFL_SIR_FDM_2_20190429T125028_20190429T130440_C001 CS_OFFL_SIR_FDM_2_20190429T135419_20190429T140556_C001 CS_OFFL_SIR_FDM_2_20190429T135419_20190429T140556_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T153756_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T153756_C001 CS_OFFL_SIR_FDM_2_20190429T161705_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T192936_20190429T193953_C001 CS_OFFL_SIR_FDM_2_20190429T125124_20190429T222548_C001 CS_OFFL_SIR_FDM_2_20190429T233754_20190429T223812_C001 CS_OFFL_SIR_FDM_2_20190429T233754_20190429T23812_C001 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T233812_C001 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T233812_C001 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag | CS_OFFL_SIR_FDM_220190429T072041_20190429T072642_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20190429T120023_20190429T13056_C001 CS_OFFL_SIR_FDM_2_20190429T125028_20190429T130440_C001 CS_OFFL_SIR_FDM_2_20190429T135419_20190429T140556_C001 CS_OFFL_SIR_FDM_2_20190429T135419_20190429T140556_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T153756_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T153756_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T161705_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T192936_20190429T193953_C001 CS_OFFL_SIR_FDM_2_20190429T25124_20190429T22548_C001 CS_OFFL_SIR_FDM_2_20190429T2515124_20190429T223812_C001 CS_OFFL_SIR_FDM_2_20190429T233131_201904 | CS_OFFL_SIR_FDM_220190429T110852_20190429T114157_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20190429T125028_20190429T130440_C001 CS_OFFL_SIR_FDM_2_20190429T135419_20190429T140556_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T153756_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T153756_C001 CS_OFFL_SIR_FDM_2_20190429T161705_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T192936_20190429T193953_C001 CS_OFFL_SIR_FDM_2_20190429T192936_20190429T193953_C001 CS_OFFL_SIR_FDM_2_20190429T215124_20190429T22548_C001 CS_OFFL_SIR_FDM_2_20190429T23754_20190429T223812_C001 CS_OFFL_SIR_FDM_2_20190429T233731_20190429T233738_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag SWH Squared SWH | CS_OFFL_SIR_FDM_220190429T120023_20190429T123056_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20190429T135419_20190429T153756_C001 CS_OFFL_SIR_FDM_2_20190429T151424_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T192936_20190429T193953_C001 CS_OFFL_SIR_FDM_2_20190429T215124_20190429T22548_C001 CS_OFFL_SIR_FDM_2_20190429T25124_20190429T223812_C001 CS_OFFL_SIR_FDM_2_20190429T233731_20190429T233738_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20190429T233131_20190429T233738_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20190429T215124_20190429T222548_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20190429T23754_20190429T223812_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag CFI Backscatter Status Flag CFI Backscatter | CS_OFFL_SIR_FDM_220190429T125028_20190429T130440_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20190429T151424_20190429T153756_C001 CS_OFFL_SIR_FDM_2_20190429T161705_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T192936_20190429T193953_C001 CS_OFFL_SIR_FDM_2_20190429T2936_20190429T22548_C001 CS_OFFL_SIR_FDM_2_20190429T23754_20190429T223812_C001 CS_OFFL_SIR_FDM_2_20190429T233754_20190429T223812_C001 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T233738_C001 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag CFI Backscatter Status Flag CFI Back | CS_OFFL_SIR_FDM_220190429T135419_20190429T140556_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20190429T161705_20190429T163947_C001 CS_OFFL_SIR_FDM_2_20190429T192936_20190429T193953_C001 CS_OFFL_SIR_FDM_2_20190429T215124_20190429T22548_C001 CS_OFFL_SIR_FDM_2_20190429T223754_20190429T223812_C001 CS_OFFL_SIR_FDM_2_20190429T233754_20190429T223812_C001 CS_OFFL_SIR_FDM_2_20190429T233754_20190429T223812_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag CFI Backscatter Status Flag CFI Backscatter Status Flag CFI Backscatter Status F | CS_OFFL_SIR_FDM_220190429T151424_20190429T153756_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20190429T192936_20190429T193953_C001 CS_OFFL_SIR_FDM_2_20190429T215124_20190429T222548_C001 CS_OFFL_SIR_FDM_2_20190429T223754_20190429T223812_C001 CS_OFFL_SIR_FDM_2_20190429T223754_20190429T223812_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20190429T223754_20190429T223812_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag Indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, | CS_OFFL_SIR_FDM_220190429T161705_20190429T163947_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20190429T215124_20190429T222548_C001 CS_OFFL_SIR_FDM_2_20190429T223754_20190429T223812_C001 CS_OFFL_SIR_FDM_2_20190429T223754_20190429T223812_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH Squared Averaging Status Flag indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. | CS_OFFL_SIR_FDM_220190429T192936_20190429T193953_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20190429T223754_20190429T223812_C001 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_C001 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_C001 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_C001 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_C001 CS_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_C001 | CS_OFFL_SIR_FDM_220190429T215124_20190429T222548_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20190429T233131_20190429T234738_C001 | CS_OFFL_SIR_FDM_220190429T223754_20190429T223812_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| | CS_OFFL_SIR_FDM_220190429T233131_20190429T234738_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |

6.8 L2 FDM Ocean Retracking Quality Check

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

Number of products with errors: 43

| Product | Test Failed | Description |
|---|-------------------------------|--|
| CS_OFFL_SIR_FDM_220190429T002213_20190429T003818_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_220190429T004422_20190429T005130_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_220190429T011305_20190429T012823_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_220190429T013037_20190429T014541_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_220190429T020116_20190429T021609_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_220190429T021748_20190429T023329_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_220190429T025551_20190429T030152_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_220190429T034053_20190429T040338_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_220190429T042929_20190429T043018_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_220190429T051945_20190429T054626_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_220190429T061824_20190429T062818_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_220190429T063356_20190429T064515_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_220190429T065844_20190429T071825_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_220190429T072041_20190429T072642_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_220190429T074950_20190429T082415_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_220190429T083729_20190429T084020_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_220190429T092949_20190429T093827_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_220190429T094113_20190429T100328_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_220190429T103925_20190429T104408_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_220190429T110852_20190429T114157_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_220190429T120023_20190429T123056_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_220190429T125028_20190429T130440_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_220190429T130546_20190429T132123_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_220190429T135419_20190429T140556_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_220190429T142726_20190429T144056_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_220190429T144126_20190429T144408_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_220190429T144547_20190429T150013_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. |
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| | | The Ocean Retracking Quality Flag is set indicating the CFI Ocean |
|---|-------------------------------|--|
| CS_OFFL_SIR_FDM_220190429T151424_20190429T153756_C001 | Ocean Retracking Quality Flag | Retracker was not successfully executed for one or more records. |
| CS_OFFL_SIR_FDM_220190429T153919_20190429T154745_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_220190429T161705_20190429T163947_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_220190429T165256_20190429T172200_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_220190429T175250_20190429T181917_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_220190429T192936_20190429T193953_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_220190429T195245_20190429T195900_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_220190429T201215_20190429T204557_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_220190429T210702_20190429T210743_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_220190429T211906_20190429T213820_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_220190429T215124_20190429T222548_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_220190429T223754_20190429T223812_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_220190429T225006_20190429T225436_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_220190429T225522_20190429T231255_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_220190429T233131_20190429T234738_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_220190429T234740_20190430T000057_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. |
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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_ | 158 | 158 | 158 | 0 | 0 |
| SIR1SAR_0_ | 134 | 134 | 134 | 0 | 0 |
| SIR1SIN_0_ | 111 | 111 | 111 | 0 | 0 |
| SIR2SIN_0_ | 113 | 113 | 113 | 0 | 0 |
| SIR_FDM_1B | 158 | 158 | 158 | 0 | 0 |
| SIR FDM 2 | 156 | 156 | 156 | 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