

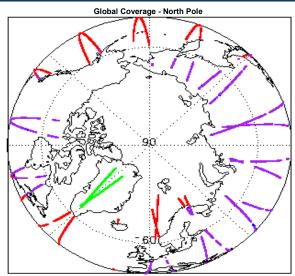
1. Overview

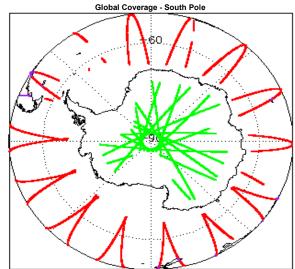
| Report Production Date: | 13-Feb-2020 |
|-------------------------|--------------------------------------|
| Processor Used: | CryoSat Ice Processor |
| Data Used: | L1 and L2 Fast Delivery Marine (FDM) |

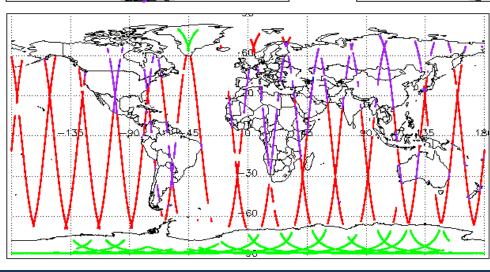
| Check | Status |
|-------------------------------------------|----------------------------------------|
| Server check: science-pds.cryosat.esa.int | Nominal |
| Server check: calval-pds.cryosat.esa.int | Nominal |
| Product Software Check | Nominal |
| Product Format Check | Nominal |
| Product Header Analysis | See Section 4.2, 5.2 and 6.2 |
| Star Tracker Usage Check | See Section 5.3 |
| Calibration Usage Check | Nominal |
| Auxiliary Data File Usage Check | Nominal |
| Auxiliary Correction Error Check | See Section 6.4 |
| Measurement Confidence Data Check | See Section 5.7, 6.5, 6.6, 6.7 and 6.8 |

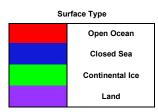
| Mission / Instrument News | | |
|---------------------------|-----------------|--|
| 11-Feb-2020 | None | |
| 12-Feb-2020 | None | |
| 13-Feb-2020 | Nothing planned | |

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:

10

| Product | Test Failed |
|------------------------------------------------------------|-------------------------------------------------------------------------------------|
| CS_OPER_SIR1LRM_020200212T012405_20200212T014129_0001.DBL | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1LRM_020200212T014417_20200212T014834_0001.DBL | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1LRM_020200212T033342_20200212T040152_0001.DBL | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1LRM_020200212T090108_20200212T090405_0001.DBL | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1LRM_020200212T125315_20200212T125815_0001.DBL | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1LRM_020200212T235728_20200212T235908_0001.DBL | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SAR_020200212T005656_20200212T010417_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SAR_020200212T011751_20200212T012010_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SAR_020200212T104914_20200212T105441_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SAR_020200212T123740_20200212T123848_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SIN_0_20200212T100052_20200212T100326_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SIN_020200212T104111_20200212T104257_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SIN_0_20200212T131815_20200212T131954_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SIN_020200212T155511_20200212T160355_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR1SIN_020200212T163726_20200212T164119_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020200212T000228_20200212T000414_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020200212T002930_20200212T003509_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020200212T005227_20200212T005656_0001.HDR | Percentage of processing errors detected greater than minimum acceptable threshold. |
| CS_OPER_SIR2SIN_020200212T150101_20200212T150203_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:

| Product | Test Failed |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| CS_OFFL_SIR_FDM_1B_20200212T153959_20200212T154316_C001.DBL | FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). |
| CS_OFFL_SIR_FDM_1B_20200212T154316_20200212T154324_C001.DBL | FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). |
| CS_OFFL_SIR_FDM_1B_20200212T171938_20200212T172035_C001.DBL | FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). |
| CS_OFFL_SIR_FDM_1B_20200212T172035_20200212T172055_C001.DBL | FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). |
| CS_OFFL_SIR_FDM_1B_20200212T185959_20200212T190007_C001.DBL | FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). |

5.3 L1B FDM Star Tracker Usage Check

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

Number of products with errors:

| Product | Test Failed |
|---------------------------------------------------------|-------------------------------------------------------------|
| CS_OFFL_SIR_FDM_1B_20200212T153959_20200212T154316_C001 | No Star Tracker file used in the processing of this product |
| CS_OFFL_SIR_FDM_1B_20200212T171938_20200212T172035_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:

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_20200212T153959_20200212T154316_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_1B_20200212T171938_20200212T172035_C001 | Attitude correction missing | The attitude has not been corrected |

6. Level 2 FDM Data Quality Check

6.1 L2 FDM Product Format Check

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

Number of products with errors:

6.2 L2 FDM Product Header Analysis

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

Number of products with errors:

| Product | Test Failed |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------|
| CS_OFFL_SIR_FDM_220200212T153959_20200212T154316_C001.DBL | FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). |
| CS_OFFL_SIR_FDM_220200212T154316_20200212T154324_C001.DBL | FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). |
| CS_OFFL_SIR_FDM_220200212T171938_20200212T172035_C001.DBL | FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). |
| CS_OFFL_SIR_FDM_220200212T172035_20200212T172055_C001.DBL | FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). |
| CS_OFFL_SIR_FDM_220200212T185959_20200212T190007_C001.DBL | FOS Predicted Orbit (MPL_ORBPRE) used instead of the DORIS Navigator Orbit (DOR_NAV). |

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.

0

Number of products with errors: 39

| Product | Test Failed | Description |
|--------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| CS OFFL SIR FDM 2 20200212T003509 20200212T003933 C001 | Sea State Bias Correction, Altimetric | There is an error with the Altimetric Wind Speed and Sea State Bias |
| | Wind Speed Sea State Bias Correction, Altimetric | Correction for one or more records There is an error with the Altimetric Wind Speed and Sea State Bias |
| CS_OFFL_SIR_FDM_220200212T004056_20200212T004802_C001 | Wind Speed | Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T012405_20200212T014129_C001 | Sea State Bias Correction | There is an error with the Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T025515_20200212T032111_C001 | Sea State Bias Correction | There is an error with the Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T043315_20200212T045353_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T045407_20200212T050044_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T051252_20200212T054754_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T063132_20200212T064017_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T065241_20200212T071523_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T071809_20200212T072729_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T083210_20200212T083804_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T083814_20200212T085956_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T095718_20200212T095728_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T101151_20200212T101735_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T103151_20200212T103951_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T104822_20200212T104830_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T110640_20200212T111631_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T112446_20200212T113625_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T120749_20200212T122306_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T124442_20200212T124756_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T124826_20200212T125152_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T125315_20200212T125815_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T143038_20200212T145643_C001 | Sea State Bias Correction | There is an error with the Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T150913_20200212T153728_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T160356_20200212T160625_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T164835_20200212T170940_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T171005_20200212T171421_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T173939_20200212T181445_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |

| CS_OFFL_SIR_FDM_220200212T191950_20200212T192829_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
|--------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| CS_OFFL_SIR_FDM_220200212T193115_20200212T195343_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T202935_20200212T203407_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T205959_20200212T213227_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T214642_20200212T214719_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T215024_20200212T220254_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T220302_20200212T222036_C001 | Sea State Bias Correction | There is an error with the Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T224146_20200212T225347_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T225551_20200212T231139_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_2_20200212T232736_20200212T233800_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |
| CS_OFFL_SIR_FDM_220200212T234419_20200212T235532_C001 | Sea State Bias Correction, Altimetric Wind Speed | There is an error with the Altimetric Wind Speed and Sea State Bias Correction for one or more records |

6.5 L2 FDM Measurement Confidence Data Check

CryoSat L2 data includes a measurement confidence flag (field 8) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

| Product | Test Failed | Description |
|-------------------------------------------------------|-----------------------------|-------------------------------------|
| CS_OFFL_SIR_FDM_220200212T153959_20200212T154316_C001 | Attitude correction missing | The attitude has not been corrected |
| CS_OFFL_SIR_FDM_220200212T171938_20200212T172035_C001 | Attitude correction missing | The attitude has not been corrected |

6.6 L2 FDM Range Measurement Check

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

Number of products with errors: 23

| Product | Test Failed | Description |
|--------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CS_OFFL_SIR_FDM_220200212T004056_20200212T004802_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_220200212T043315_20200212T045353_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_220200212T051252_20200212T054754_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_220200212T083210_20200212T083804_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_220200212T083814_20200212T085956_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_220200212T103151_20200212T103951_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_220200212T112446_20200212T113625_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_220200212T120749_20200212T122306_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_20200212T124442_20200212T124756_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_20200212T124826_20200212T125152_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_220200212T125315_20200212T125815_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_220200212T150913_20200212T153728_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_220200212T160356_20200212T160625_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_220200212T164835_20200212T170940_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_220200212T171005_20200212T171421_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_220200212T193115_20200212T195343_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_220200212T202935_20200212T203407_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_220200212T205959_20200212T213227_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_220200212T215024_20200212T220254_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_220200212T224146_20200212T225347_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_220200212T225551_20200212T231139_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_220200212T232736_20200212T233800_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_220200212T234419_20200212T235532_C001 | CFI Retracked Range Flag | The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #13, #14, #15 and #16 should be ignored for these records. |

6.7 L2 FDM SWH and Backscatter Measurement Check

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

Number of products with errors:

| GS_OFFL_SIR_FDM_2_20200212T049319_20200212T04935_C001 CFI_Backesater Status Flag_SWH Squared Averaging Stat | Product | Test Failed | Description |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------|
| CS_OFFL_SIR_FDM_2_20000212T04304_2000212T03904_CO01 Squared Averaging States Plag SQUARE States Plag SWH Squared Averaging States Plag SQUARE STATE Plag SWH Squared Averaging States Plag SQUARE STATE Plag SWH Squared Averaging States Plag SQUARE Plag States Plag SQUARED P | CS_OFFL_SIR_FDM_220200212T004056_20200212T004802_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20200212T093291_0200212T095804_C001 SQ_OFFL_SIR_FDM_2_20200212T093291_0200212T095804_C001 CS_OFFL_SIR_FDM_2_20200212T093391_02000212T095806_C001 CS_OFFL_SIR_FDM_2_20200212T093191_20200212T109591_C001 CS_OFFL_SIR_FDM_2_20200212T1093191_20200212T109591_C001 CS_OFFL_SIR_FDM_2_20200212T1093191_20200212T109591_C001 CS_OFFL_SIR_FDM_2_20200212T1093191_20200212T109591_C001 CS_OFFL_SIR_FDM_2_20200212T1093191_20200212T109591_C001 CS_OFFL_SIR_FDM_2_20200212T1093191_20200212T109591_C001 CS_OFFL_SIR_FDM_2_20200212T1093191_20200212T109591_C001 CS_OFFL_SIR_FDM_2_20200212T1093191_20200212T109591_C001 CS_OFFL_SIR_FDM_2_20200212T109591_C001 CS_OFFL_SIR_FDM_2_20200212T109592_C001 CS_OFFL_SIR_FDM_2_20200212T109593_C000112T200592_C001 CS_OFFL_SI | CS_OFFL_SIR_FDM_220200212T043315_20200212T045353_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20200212T10440_20200212T105956_C001 CS_OFFL_SIR_FDM_2_20200212T105956_C001 CS_OFFL_SIR_FDM_2_20200212T105956_C001 CS_OFFL_SIR_FDM_2_20200212T105956_C001 CS_OFFL_SIR_FDM_2_20200212T105956_C001 CS_OFFL_SIR_FDM_2_20200212T105956_C001 CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CS_OFFL_SIR_FDM_2_20200212T105956_C001 CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CS_OFFL_SIR_FDM_2_20200212T105956_C001 CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CS_OFFL_SIR_FDM_2_20200212T105956_C001 CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CS_OFFL_SIR_FDM_2_20200212T105956_C001 CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CS_OFFL_SIR_FDM_2_20200212T105956_C001 CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CS_OFFL_SIR_FDM_2_20200212T105956_C001 CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CS_OFFL_SIR_FDM_2_20200212T105954_C001 CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CS_OFFL_SIR_FDM_2_20200212T105954_C001 CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CFI Backcaster Status Flag. SWH Squared Avveraging Status Flag CFI Backcaster S | CS_OFFL_SIR_FDM_220200212T051252_20200212T054754_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20200212T10351_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T10351_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T12446_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T12446_20200212T122366_C001 CS_OFFL_SIR_FDM_2_20200212T124442_20200212T122366_C001 CS_OFFL_SIR_FDM_2_20200212T124442_20200212T122366_C001 CS_OFFL_SIR_FDM_2_20200212T124555_C001 CS_OFFL_SIR_FDM_2_20200212T124566_20200212T125152_C001 CS_OFFL_SIR_FDM_2_20200212T10355_20200212T12655_C001 CS_OFFL_SIR_FDM_2_20200212T10355_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T10355_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T10355_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T10355_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T10355_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T10355_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T100356_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T10355_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T10355_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T10355_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T10355_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T20355_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T20355_20200212T10355_C001 CS_OFFL_SIR_FDM_2_20200212T20355_20200212T20355_C001 CS_OFFL_SIR_FDM_2_20200212T20355_20200212T20355_C001 CS_OFFL_SIR_FDM_2_20200212T20355_20200212T20355_C001 CS_OFFL_SIR_FDM_2_20200212T20355_20200212T20355_C001 CS_OFFL_SIR_FDM_2_20200212T20355_20200212T2 | CS_OFFL_SIR_FDM_220200212T083210_20200212T083804_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20200212T10365_0200212T10365_C001 SP_Backscatter Status FigSWH Squared Averaging Status Fig. CS_OFFL_SIR_FDM_2_20200212T12446_20200212T122306_C001 CS_OFFL_SIR_FDM_2_20200212T124442_20200212T122306_C001 CS_OFFL_SIR_FDM_2_20200212T124442_20200212T122306_C001 CS_OFFL_SIR_FDM_2_20200212T124442_20200212T124756_C001 CS_OFFL_SIR_FDM_2_20200212T124428_20200212T1245152_C001 CS_OFFL_SIR_FDM_2_20200212T124828_20200212T125152_C001 CS_OFFL_SIR_FDM_2_20200212T124828_20200212T125152_C001 CS_OFFL_SIR_FDM_2_20200212T103013_20200212T103015_C001 CS_OFFL_SIR_FDM_2_20200212T103013_20200212T103015_C001 CS_OFFL_SIR_FDM_2_20200212T103013_20200212T103015_C001 CS_OFFL_SIR_FDM_2_20200212T103013_20200212T103015_C001 CS_OFFL_SIR_FDM_2_20200212T103013_20200212T103015_C001 CS_OFFL_SIR_FDM_2_20200212T103013_20200212T103015_C001 CS_OFFL_SIR_FDM_2_20200212T103015_20200212T103015_C001 CS_OFFL_SIR_FDM_2_20200212T203015_20200212T23300_C001 CS_OFFL_SIR_FDM_2_20200212T203015_20200212T23300_C001 CS_OFFL_SIR_FDM_2_20200212T203015_20200212T23300_C001 CS_OFFL_SIR_FDM_2_20200212T203015_20200212T23300_C001 CS_OFFL_SIR_FDM_2_20200212T203015_20200212T23300_C001 CS_OFFL_SIR_FDM_2_20200212T203015_20200212T23300_C001 CS_OFFL_SIR_FDM_2_20200212T234416_20200212T23300_C001 CS_OFFL_SIR_FDM_2_20200212T234416_ | CS_OFFL_SIR_FDM_220200212T083814_20200212T085956_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20200212T124462_20200212T12506_C001 CS_OFFL_SIR_FDM_2_20200212T120749_20200212T12506_C001 CS_OFFL_SIR_FDM_2_20200212T124442_20200212T124756_C001 CS_OFFL_SIR_FDM_2_20200212T124626_20200212T125152_C001 CS_OFFL_SIR_FDM_2_20200212T124626_20200212T125152_C001 CS_OFFL_SIR_FDM_2_20200212T126836_20200212T125152_C001 CS_OFFL_SIR_FDM_2_20200212T126836_20200212T125152_C001 CS_OFFL_SIR_FDM_2_20200212T126836_20200212T125815_C001 CS_OFFL_SIR_FDM_2_20200212T126836_20200212T15878_C001 CS_OFFL_SIR_FDM_2_20200212T160636_20200212T1560625_C001 CS_OFFL_SIR_FDM_2_20200212T160366_20200212T160625_C001 CS_OFFL_SIR_FDM_2_20200212T160366_20200212T1760625_C001 CS_OFFL_SIR_FDM_2_20200212T160366_20200212T1760625_C001 CS_OFFL_SIR_FDM_2_20200212T160366_20200212T1760625_C001 CS_OFFL_SIR_FDM_2_20200212T160366_20200212T1760625_C001 CS_OFFL_SIR_FDM_2_20200212T160366_20200212T1760625_C001 CS_OFFL_SIR_FDM_2_20200212T160366_20200212T1760625_C001 CS_OFFL_SIR_FDM_2_20200212T160366_20200212T1760625_C001 CS_OFFL_SIR_FDM_2_20200212T160636_20200212T1760625_C001 CS_OFFL_SIR_FDM_2_20200212T160636_20200212T1760625_C001 CS_OFFL_SIR_FDM_2_20200212T160636_20200212T1760625_C001 CS_OFFL_SIR_FDM_2_20200212T160636_20200212T1760625_C001 CS_OFFL_SIR_FDM_2_20200212T1760625_20200212T1760625_C001 CS_OFFL_SIR_FDM_2_20200212T1760625_20200212T205405_C001 CS_OFFL_SIR_FDM_2_20200212T200665_20200212T205405_C001 CS_OFFL_SIR_FDM_2_20200212T200665_20200212T200665_C001 | CS_OFFL_SIR_FDM_220200212T103151_20200212T103951_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20200212T124042_0200212T125152_C001 CF_Backscatter Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averaging Status Fiag. SWH Squared Averagi | CS_OFFL_SIR_FDM_220200212T112446_20200212T113625_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20200212T124826_20200212T125152_C001 CS_OFFL_SIR_FDM_2_20200212T12515_2020212T12515_C001 CS_OFFL_SIR_FDM_2_20200212T125315_2020212T12515_C001 CS_OFFL_SIR_FDM_2_20200212T125315_20200212T125315_C001 CS_OFFL_SIR_FDM_2_20200212T100315_20200212T100000000000000000000000000000 | CS_OFFL_SIR_FDM_220200212T120749_20200212T122306_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20200212T125152_C001 CS_OFFL_SIR_FDM_2_20200212T125315_02020212T125315_C001 CS_OFFL_SIR_FDM_2_20200212T15913_20200212T159728_C001 CS_OFFL_SIR_FDM_2_20200212T150913_20200212T159728_C001 CS_OFFL_SIR_FDM_2_20200212T150913_20200212T159728_C001 CS_OFFL_SIR_FDM_2_20200212T160356_20200212T160825_C001 CS_OFFL_SIR_FDM_2_20200212T160356_20200212T160825_C001 CS_OFFL_SIR_FDM_2_20200212T160356_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T160356_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T171005_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T171005_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T193115_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T193115_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T193115_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T193115_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T193115_20200212T195343_C001 CS_OFFL_SIR_FDM_2_20200212T193115_20200212T195343_C001 CS_OFFL_SIR_FDM_2_20200212T209355_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T20935_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T209355_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T23327_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T23347_C001 CS_OFFL_SIR_FDM_2_20200212T25551_20200212T23347_C001 CS_OFFL_SIR_FDM_2_20200212T225551_20200212T23347_C001 CS_OFFL_SIR_FDM_2_20200212T225551_20200212T23340_C001 CS_OFFL_SIR_FDM_2_20200212T225551_20200212T23340_C001 CS_OFFL_SIR_FDM_2_20200212T225551_20200212T23340_C001 CS_OFFL_SIR_FDM_2_20200212T2234416_20200212T23380_C001 CS_OFFL_SIR_FDM_2_20200212T234419_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T234419_20200212T233500_C001 CS_OFFL_SIR_FDM_2_20200212T234419_20200212T233500_C001 CS_OFFL_SIR_FDM_2_20200212T234419_20200212T233500_C001 CS_OFFL_SIR_FDM_2_20200212T234419_20200212T233500_C001 CS_OFFL_SIR_FDM_2_20200212T234419_20200212T233500_C001 CS_OFFL_SIR_FDM_2_20200212T234419_20200212T233500_C001 CS_OFFL_SIR_FDM_2_20200212T234419_20200212T233500_C001 CS_OFFL_SIR_FDM_2_20200212T234419_20200212T233500_C001 | CS_OFFL_SIR_FDM_220200212T124442_20200212T124756_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20200212T15915_20200212T159352_C001 CS_OFFL_SIR_FDM_2_20200212T160356_20200212T160625_C001 CS_OFFL_SIR_FDM_2_20200212T160356_20200212T160625_C001 CS_OFFL_SIR_FDM_2_20200212T160356_20200212T160625_C001 CS_OFFL_SIR_FDM_2_20200212T160356_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T160356_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T160356_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T160356_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T160356_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T17005_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T17005_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T17005_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T17005_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T17005_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T17005_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T17005_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T193115_20200212T19343_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag SWH Squared Averagin | CS_OFFL_SIR_FDM_220200212T124826_20200212T125152_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20200212T160356_20200212T160625_C001 CS_OFFL_SIR_FDM_2_20200212T160356_20200212T106025_C001 CS_OFFL_SIR_FDM_2_20200212T160356_20200212T10940_C001 CS_OFFL_SIR_FDM_2_20200212T160455_C0001 CS_OFFL_SIR_FDM_2_20200212T1055_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T105_20200212T170940_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag SW | CS_OFFL_SIR_FDM_220200212T125315_20200212T125815_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20200212T160356_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T164835_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T164835_20200212T170940_C001 CS_OFFL_SIR_FDM_2_20200212T17105_20200212T171421_C001 CS_OFFL_SIR_FDM_2_20200212T17105_20200212T171421_C001 CS_OFFL_SIR_FDM_2_20200212T17105_20200212T171421_C001 CS_OFFL_SIR_FDM_2_20200212T17105_20200212T171421_C001 CS_OFFL_SIR_FDM_2_20200212T193115_20200212T19343_C001 CS_OFFL_SIR_FDM_2_20200212T203935_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T203935_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T20327_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T20327_C001 CS_OFFL_SIR_FDM_2_20200212T25024_20200212T203254_C001 CS_OFFL_SIR_FDM_2_20200212T25024_20200212T2034416_20200212T22054_C001 CS_OFFL_SIR_FDM_2_20200212T25551_202000212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T2332736_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T2332736_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T2332736_20200212T23350_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T2334419_20200212T233800_C001 CS_ | CS_OFFL_SIR_FDM_220200212T150913_20200212T153728_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20200212T171095_20200212T171421_C001 CS_OFFL_SIR_FDM_2_20200212T171005_20200212T171421_C001 CS_OFFL_SIR_FDM_2_20200212T171005_20200212T171421_C001 CS_OFFL_SIR_FDM_2_20200212T193115_20200212T195343_C001 CS_OFFL_SIR_FDM_2_20200212T193115_20200212T195343_C001 CS_OFFL_SIR_FDM_2_20200212T202935_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T202935_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T20327_C001 CS_OFFL_SIR_FDM_2_20200212T2554_2000212T23227_C001 CS_OFFL_SIR_FDM_2_20200212T25551_20200212T23047_C001 CS_OFFL_SIR_FDM_2_20200212T25551_20200212T23547_C001 CS_OFFL_SIR_FDM_2_20200212T224146_20200212T225347_C001 CS_OFFL_SIR_FDM_2_20200212T225551_20200212T231139_C001 CS_OFFL_SIR_FDM_2_20200212T223736_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T233736_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T234449_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T234449_20200 | CS_OFFL_SIR_FDM_220200212T160356_20200212T160625_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20200212T171005_20200212T19334_C001 CS_OFFL_SIR_FDM_2_20200212T193115_20200212T195343_C001 CS_OFFL_SIR_FDM_2_20200212T202935_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T202935_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T2054_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T2054_C001 CS_OFFL_SIR_FDM_2_20200212T25024_20200212T22054_C001 CS_OFFL_SIR_FDM_2_20200212T25024_20200212T225347_C001 CS_OFFL_SIR_FDM_2_20200212T225551_20200212T225347_C001 CS_OFFL_SIR_FDM_2_20200212T225551_20200212T231139_C001 CS_OFFL_SIR_FDM_2_20200212T225551_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T23736_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T234449_20200212T235352_C001 CS_OFFL_SIR_FDM_2_20200212T234449_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T234449_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T234449_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T234449_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T234449_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T234449_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T234449_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T234449_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T235532_C001 CS_OFFL_SIR_FDM_2_20200212T235551_2000212T235502_C001 CS_OFFL_SIR_FDM_2_20200212T235551_C000212T235502_C001 CS_OFFL_SIR_FDM_2_20200212T235502_C0001 CS_OFFL_SIR_FDM_2_20200212T235502_C0001 CS_OFFL_SIR_FDM_2_20200212T235502_C0001 CS_OFF | CS_OFFL_SIR_FDM_220200212T164835_20200212T170940_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20200212T193115_20200212T203407_C001 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 fall 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 fall 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 fall 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 fall 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 fall 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 fall 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 fall 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 fall 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 fall 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 fall 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 fall flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should | CS_OFFL_SIR_FDM_220200212T171005_20200212T171421_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20200212T202935_20200212T203407_C001 CS_OFFL_SIR_FDM_2_20200212T205959_20200212T213227_C001 CS_OFFL_SIR_FDM_2_20200212T215024_20200212T2054_C001 CS_OFFL_SIR_FDM_2_20200212T215024_20200212T2054_C001 CS_OFFL_SIR_FDM_2_20200212T224146_20200212T225347_C001 CS_OFFL_SIR_FDM_2_20200212T225551_20200212T231139_C001 CS_OFFL_SIR_FDM_2_20200212T225551_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T233736_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T234449_20200212T235532_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20200212T234449_20200212T235532_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 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 Status F | CS_OFFL_SIR_FDM_220200212T193115_20200212T195343_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20200212T205959_20200212T220254_C001 CS_OFFL_SIR_FDM_2_20200212T215024_20200212T220254_C001 CS_OFFL_SIR_FDM_2_20200212T224146_20200212T225347_C001 CS_OFFL_SIR_FDM_2_20200212T224146_20200212T225347_C001 CS_OFFL_SIR_FDM_2_20200212T224146_20200212T225347_C001 CS_OFFL_SIR_FDM_2_20200212T225551_20200212T231139_C001 CS_OFFL_SIR_FDM_2_20200212T225551_20200212T231139_C001 CS_OFFL_SIR_FDM_2_20200212T232736_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T234419_20200212T235532_C001 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, #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, #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 s | CS_OFFL_SIR_FDM_220200212T202935_20200212T203407_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20200212T224146_20200212T225347_C001 CS_OFFL_SIR_FDM_2_20200212T224146_20200212T225347_C001 CS_OFFL_SIR_FDM_2_20200212T224146_20200212T235347_C001 CS_OFFL_SIR_FDM_2_20200212T225551_20200212T231139_C001 CS_OFFL_SIR_FDM_2_20200212T235551_20200212T231139_C001 CS_OFFL_SIR_FDM_2_20200212T23736_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T232736_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T234419_20200212T235532_C001 CFI Backscatter Status Flag, SWH Squared Averaging 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, #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, #42, #43 and #44 should be ignored for these records. | CS_OFFL_SIR_FDM_220200212T205959_20200212T213227_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20200212T224146_20200212T225347_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20200212T225551_20200212T231139_C001 CS_OFFL_SIR_FDM_2_20200212T235551_20200212T231139_C001 CS_OFFL_SIR_FDM_2_20200212T232736_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T232736_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T232736_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T234419_20200212T235532_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 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. 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 A | CS_OFFL_SIR_FDM_220200212T215024_20200212T220254_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20200212T225551_20200212T231139_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CS_OFFL_SIR_FDM_2_20200212T232736_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T232736_20200212T233800_C001 CS_OFFL_SIR_FDM_2_20200212T234419_20200212T235532_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 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 C | CS_OFFL_SIR_FDM_220200212T224146_20200212T225347_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| CS_OFFL_SIR_FDM_2_20200212T232736_20200212T233800_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag CFI Backscatter Status Flag, SWH CS_OFFL_SIR_FDM_2_20200212T234419_20200212T235532_C001 CFI Backscatter Status Flag, SWH Squared Averaging Status Flag indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #41, #42, #43 and #44 should be | CS_OFFL_SIR_FDM_220200212T225551_20200212T231139_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be ignored for these records. |
| CS_OFFL_SIR_FDM_2_20200212T234419_20200212T235532_C001 CFI DataScaller Status Flag. Squared Averaging Status Flag. indicating the values stored in fields #41, #42, #43 and #44 should be | CS_OFFL_SIR_FDM_220200212T232736_20200212T233800_C001 | | indicating the values stored in fields #41, #42, #43 and #44 should be |
| | CS_OFFL_SIR_FDM_220200212T234419_20200212T235532_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: 36

| Product | Test Failed | Description |
|-------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| CS_OFFL_SIR_FDM_220200212T002738_20200212T002930_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_220200212T003509_20200212T003933_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_220200212T004056_20200212T004802_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_220200212T012405_20200212T014129_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_220200212T015435_20200212T021945_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_220200212T025515_20200212T032111_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_220200212T043315_20200212T045353_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_220200212T051252_20200212T054754_C001 | Ocean Retracking Quality Flag |
|-------------------------------------------------------|-------------------------------|
| CS_OFFL_SIR_FDM_220200212T071809_20200212T072729_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T080606_20200212T081925_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T083210_20200212T083804_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T083814_20200212T085956_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T103151_20200212T103951_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T112446_20200212T113625_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T115106_20200212T120609_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T120749_20200212T122306_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T124442_20200212T124756_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T124826_20200212T125152_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T125315_20200212T125815_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T133053_20200212T135317_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T140602_20200212T140707_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T143038_20200212T145643_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T150913_20200212T153728_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T160356_20200212T160625_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T160751_20200212T163605_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T164835_20200212T170940_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T171005_20200212T171421_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T193115_20200212T195343_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T202133_20200212T202851_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T202935_20200212T203407_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T205959_20200212T213227_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T215024_20200212T220254_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T224146_20200212T225347_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T225551_20200212T231139_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T232736_20200212T233800_C001 | Ocean Retracking Quality Flag |
| CS_OFFL_SIR_FDM_220200212T234419_20200212T235532_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 The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records. 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_ | 188 | 188 | 182 | 6 | 0 |
| SIR1SAR_0_ | 140 | 140 | 140 | 0 | 0 |
| SIR1SIN_0_ | 114 | 114 | 114 | 0 | 0 |
| SIR2SIN_0_ | 119 | 119 | 119 | 0 | 0 |
| SIR_FDM_1B | 188 | 188 | 2 | 0 | 186 |
| SIR_FDM_2 | 183 | 183 | 128 | 55 | 0 |

7.1 QCC Errors

Number of QCC reports with errors: 186

7.2 QCC Warnings

Number of QCC reports with warnings

69

7.3 Missing QCC Reports

Number of products with missing QCC reports:

C