

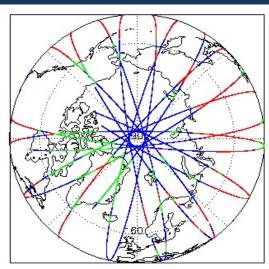
1. Overview

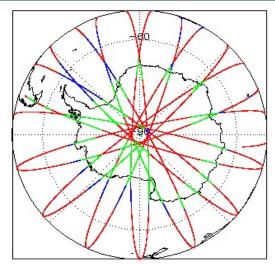
| Report Production: | 11-Mar-2022 | |
|--------------------|---|--|
| Processor Used: | CryoSat Ocean Processor | |
| Data Used: | Intermediate Ocean Products (IOP) L1B, L2 & P2P Science Data | |

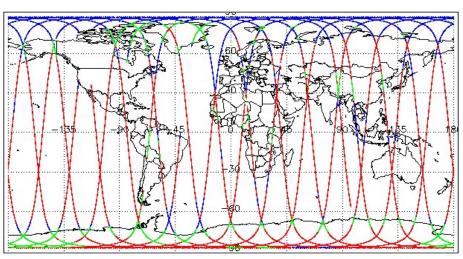
| Check | L1 & L2 | P2P |
|--|------------------------------|-------------------------|
| Server check: science-pds.cryosat.esa.int | Nominal | Nominal |
| Server check: calval-pds.cryosat.esa.int | Nominal | Nominal |
| Product Software Check | Nominal | Nominal |
| Product Format Check | Nominal | Nominal |
| Product Header Analysis | See Sections 4.2 and 5.2 | See Section 6.2 |
| Auxiliary Data File Usage Check | Nominal | Nominal |
| Auxiliary Correction Error Check | See Section 5.4 | See Section 6.4 |
| Measurement Confidence Data Check | See Section 4.5, 4.6 and 5.5 | See Section 6.5 |
| Range, SWH & Backscatter Measurement Check | See Section 5.6 | See Section 6.6 |
| Ocean Retracking Quality Check | See Section 5.7 | See Section 6.7 |
| QCC Error/ Warning Check | See Section 7.1 and 7.2 | See Section 7.1 and 7.2 |

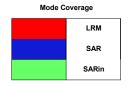
| Mission / Instrument News | | |
|---------------------------|-----------------|--|
| 07-Mar-2022 | None | |
| 08-Mar-2022 | None | |
| 09-Mar-2022 | Nothing planned | |

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 |
|-----------------------------|-----------|
|-----------------------------|-----------|

4. IOP Level 1B Data Quality Check

4.1 L1B Product Format Check

4.2 L1B Product Header Analysis

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

> L1B Processing Quality HR: The I1b_proc_flag_hr flag is currently set all L1B IOPR and IOPN products because the I1b_processing_quality_hr field is not correctly configured in the OSAR and OSARIn chains. A modification is required in the next release.

Number of products with errors:

4.3 L1B 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.

umber of products with errors:

4.4 L1B Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

4.5 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag for each measurement record. The bit value of this flag indicates any problems when set.

> Attitude Correction Missing: This flag is currently set in error for IOPR products due to a configuration issue. The attitude correction is actually not missing. This will be resolved in the next SW update.

Number of products with errors:

 Product
 Test Failed
 Description

 CS_OFFL_SIR_IOPM1B_20220308T005914_20220308T012413_C001
 Power scaling error
 There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

CryoSat L1B data includes a waveform data flag for each measurement record. The bit value of this flag indicates any problems when set.

Loss of Echo Flag: This flag is currently set for products over land, but this is to be expected.

Number of products with errors: 18

| Product | Test Failed | Description |
|---|--------------|--|
| CS_OFFL_SIR_IOPM1B_20220308T035329_20220308T035431_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPM1B_20220308T053035_20220308T053312_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPM1B_20220308T092313_20220308T093901_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPM1B_20220308T225018_20220308T225143_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPN1B_20220308T004159_20220308T004648_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPN1B_20220308T062221_20220308T062630_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPN1B_20220308T084815_20220308T084953_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPN1B_20220308T085343_20220308T085439_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPN1B_20220308T103240_20220308T103354_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPN1B_20220308T112644_20220308T113127_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPN1B_20220308T221159_20220308T221310_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPN1B_20220308T235119_20220308T235610_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPR1B_20220308T052729_20220308T052908_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPR1B_20220308T053437_20220308T054347_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPR1B_20220308T170604_20220308T171353_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPR1B_20220308T171540_20220308T171552_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPR1B_20220308T171613_20220308T171708_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_IOPR1B_20220308T172512_20220308T172831_C001 | Loss of Echo | The tracking echo is missing for one or more records |

5. IOP Level 2 Data Quality Check

5.1 L2 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 NetCDF product file (.nc).

Number of products with errors:

5.2 L2 Product Header Analysis

For all products, a series of pre-defined checks are performed 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: Not 0

5.3 L2 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

5.4 L2 Auxiliary Correction Error Check

For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767).

Currently, there are some common auxiliary correction errors raised in the Level 2 products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

- > ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric Correction, Wet Tropospheric Correction, Inverse Barometric Correction and the U-Wind and V-Wind components of the ECMWF model wind vector. This is a known anomaly (CRYO-COP-3) and will be resolved in a future IPF update. The affected products are not reported in the table below.
- > Sea State Bias & Sea State Bias PLRM: The error value is currently set for products over sea ice, but this is to be expected.

- > Mean Sea Surface: The error value is currently set for products over land and sea ice, but this is to be expected.
- > Mean Dynamic Topography: The error value is currently set for products over land and sea ice, but this is to be expected.
- > Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.

Number of products with errors:

59

| Product | Test Failed | Description |
|---|---|--|
| | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean | |
| CS_OFFL_SIR_IOPM_2_20220308T120740_20220308T120823_C001 | Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and tidal corrections for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T154705_20220308T155723_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T222038_20220308T222057_C001 | Mean Sea Surface (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and 2: FES), and tidal corrections for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T004159_20220308T004648_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPN_2_20220308T030609_20220308T030837_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and tidal corrections for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T044433_20220308T044745_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPN_2_20220308T062221_20220308T062630_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPN_2_20220308T063202_20220308T063327_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPN_2_20220308T071142_20220308T071541_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) | There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T080956_20220308T081139_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPN_2_20220308T085343_20220308T085439_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPN_2_20220308T094749_20220308T095006_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPN_2_20220308T102744_20220308T103044_C001 | Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide | There is an error with the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T103240_20220308T103354_C001 | Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) | There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T111806_20220308T111958_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T112644_20220308T113127_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) | There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T120823_20220308T121218_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T125811_20220308T130043_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T130801_20220308T130950_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPN_2_20220308T143654_20220308T143826_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T162605_20220308T162721_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T175626_20220308T175750_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPN_2_20220308T193712_20220308T193958_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPN_2_20220308T194203_20220308T194730_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPN_2_20220308T203258_20220308T203725_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPN_2_20220308T211638_20220308T211914_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPN_2_20220308T221159_20220308T221310_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPN_2_20220308T224821_20220308T225018_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and tidal corrections for one or more records |

| CS_OFFL_SIR_IOPN_2_20220308T225357_20220308T225726_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
|---|---|---|
| CS_OFFL_SIR_IOPN_2_20220308T235119_20220308T235610_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T003509_20220308T004158_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T021703_20220308T022225_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T034511_20220308T034708_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T035610_20220308T040406_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T053437_20220308T054347_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T071543_20220308T072012_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T072012_20220308T072322_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T085439_20220308T090021_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T090034_20220308T090200_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T102304_20220308T102457_C001 | Total Geocentric Ocean Tide (GOT) | There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T103354_20220308T104043_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T121219_20220308T121738_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T135036_20220308T140032_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T152810_20220308T153118_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T153118_20220308T153549_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T154509_20220308T154544_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T154554_20220308T154705_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T170604_20220308T171353_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T171353_20220308T171518_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T184610_20220308T185252_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T185252_20220308T185713_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T185723_20220308T190737_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T202727_20220308T203146_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T203146_20220308T203258_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T220523_20220308T221006_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T221006_20220308T221159_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOPR_2_20220308T221627_20220308T222038_C001 | Mean Sea Surface (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and 2: FES), and tidal corrections for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T232419_20220308T232614_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T234459_20220308T235119_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| | | |

5.5 L2 Measurement Confidence Data Check

| Product | Test Failed | Description |
|---|---------------------|--|
| CS_OFFL_SIR_IOPM_2_20220308T005914_20220308T012413_C001 | Power scaling error | There is an error in the scaling of the L1B waveform for one or more records |

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20 Hz)

CryoSat L2 data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Hz measurement record. The bit value of this flag indicates any problems when set.

Currently, there are several common flags raised in the Level 2 products, which are summarised below. The table provides the full list of products flagged.

- > Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags: These flags are currently set for some records over ocean.
- > OCOG Altimeter Range and Backscatter Quality Flags: These flags are currently set for some records over continental ice.

| Number of products with errors: 86 | | |
|---|--|---|
| Product | Test Failed | Description |
| CS_OFFL_SIR_IOPM_2_20220307T235759_20220308T002053_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T002830_20220308T002832_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T005914_20220308T012413_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T013649_20220308T014137_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T014220_20220308T020229_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T023538_20220308T030316_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T030837_20220308T031430_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T031557_20220308T033545_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T035329_20220308T035431_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T040706_20220308T044216_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T044745_20220308T045302_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T045435_20220308T045742_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T053035_20220308T053312_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T054714_20220308T055551_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T055836_20220308T062137_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T062631_20220308T062748_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T062755_20220308T063202_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T063335_20220308T064708_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T064855_20220308T065512_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T065647_20220308T070130_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T072645_20220308T075942_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |

| CS_OFFL_SIR_IOPM_2_20220308T080707_20220308T080956_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
|---|--|---|
| CS_OFFL_SIR_IOPM_2_20220308T081326_20220308T081446_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T081747_20220308T084800_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T084953_20220308T085256_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T090824_20220308T092112_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T092313_20220308T093901_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T094043_20220308T094546_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T094606_20220308T094617_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T094625_20220308T094749_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T095511_20220308T100525_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T101144_20220308T102304_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T104623_20220308T105558_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T105852_20220308T110135_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T110314_20220308T111757_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T111958_20220308T112457_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T113128_20220308T120516_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T123444_20220308T125733_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T130043_20220308T130415_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T131021_20220308T133936_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T141127_20220308T143654_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T143826_20220308T144330_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T144337_20220308T144704_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T144947_20220308T152439_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T161016_20220308T161647_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T161826_20220308T162403_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T162912_20220308T170317_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |

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| CS_OFFL_SIR_IOPM_2_20220308T172831_20220308T173008_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T173637_20220308T175617_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T175750_20220308T180259_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T180817_20220308T184306_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T190738_20220308T191159_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T191254_20220308T193029_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T193327_20220308T193457_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T193958_20220308T194203_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T194857_20220308T200516_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T200519_20220308T200612_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T200617_20220308T201026_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T201103_20220308T201821_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T205721_20220308T211100_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T212755_20220308T214334_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T214535_20220308T214819_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T214821_20220308T215459_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T221310_20220308T221428_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T222250_20220308T223422_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T225231_20220308T225357_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T225727_20220308T230517_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPM_2_20220308T230705_20220308T232240_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T051522_20220308T051707_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T062221_20220308T062630_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T071142_20220308T071541_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T080956_20220308T081139_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T085343_20220308T085439_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
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| CS_OFFL_SIR_IOPN_2_20220308T233203_20220308T233559_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
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| CS_OFFL_SIR_IOPR_2_20220308T002054_20220308T002149_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T013613_20220308T013649_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T034511_20220308T034708_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T045743_20220308T045941_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T071041_20220308T071142_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T072439_20220308T072645_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T081446_20220308T081747_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T090735_20220308T090737_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T160628_20220308T161016_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T193457_20220308T193712_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T232240_20220308T232319_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T234459_20220308T235119_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |

L2 Quality Flags (20 Hz PLRM)

Currently, there are several common flags raised in the Level 2 products, which are summarised below. The table provides the full list of products flagged.

- > Ocean Altimeter Range, SSHA, SWH and Backscatter PLRM Quality Flags: These flags are currently set for occasional records over sea ice.
- > OCOG Altimeter Range and Backscatter PLRM Quality Flags: These flags are currently set for occasional records over continental ice.

Number of products with errors:

| Product | Test Failed | Description |
|---|--|---|
| CS_OFFL_SIR_IOPN_2_20220308T013354_20220308T013613_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T021407_20220308T021455_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T030442_20220308T030603_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T030609_20220308T030837_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T035312_20220308T035329_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T045302_20220308T045415_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T052530_20220308T052651_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T065601_20220308T065647_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T071142_20220308T071541_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T075955_20220308T080133_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |

| CS_OFFL_SIR_IOPN_2_20220308T084815_20220308T084953_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
|---|---|---|
| CS_OFFL_SIR_IOPN_2_20220308T100525_20220308T100631_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T100902_20220308T100931_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T102744_20220308T103044_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T103240_20220308T103354_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T112644_20220308T113127_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T120823_20220308T121218_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T144705_20220308T144838_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T152439_20220308T152626_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T152657_20220308T152810_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T155724_20220308T155919_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T160006_20220308T160057_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T162403_20220308T162526_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T162605_20220308T162721_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T170405_20220308T170455_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T193712_20220308T193958_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T194203_20220308T194730_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T203258_20220308T203725_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T212113_20220308T212227_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T212615_20220308T212755_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T215459_20220308T215802_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T221159_20220308T221310_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T223422_20220308T224024_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T224821_20220308T225018_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T225357_20220308T225726_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T230518_20220308T230705_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |

| CS_OFFL_SIR_IOPN_2_20220308T233203_20220308T233559_C001 | OCOG Altimeter Range Quality PLRM, | |
|---|---|---|
| | OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPN_2_20220308T235119_20220308T235610_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T003509_20220308T004158_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T021455_20220308T021642_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T021703_20220308T022225_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T034336_20220308T034406_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T034511_20220308T034708_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T035027_20220308T035231_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T035610_20220308T040406_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T052729_20220308T052908_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T054402_20220308T054437_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T071543_20220308T072012_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T072012_20220308T072322_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T072324_20220308T072328_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T072439_20220308T072645_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T085439_20220308T090021_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T090527_20220308T090723_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T095006_20220308T095511_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T102304_20220308T102457_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T103044_20220308T103141_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T103354_20220308T104043_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T110135_20220308T110314_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T120516_20220308T120740_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T121219_20220308T121738_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T121812_20220308T121919_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_IOPR_2_20220308T123400_20220308T123443_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |

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|--|---|---|--|
| Committee Comm | CS_OFFL_SIR_IOPR_2_20220308T130950_20220308T131021_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Col. OFFL. SR 10PR 2 20000000111609_200000117619 C010 C0000000000000000000000000000000 | CS_OFFL_SIR_IOPR_2_20220308T135036_20220308T140032_C001 | | |
| Co. OFFL. SR 1 OFFL 2 2020200111/1032 202020011/1032 202020011/1032 2020200111/1032 202020011/1032 202020011/1032 202020011/1032 202020011/1 | CS_OFFL_SIR_IOPR_2_20220308T153614_20220308T154105_C001 | | |
| CS_OFFL_SR_JORF_2_2023000T195S_202300T195S_0001 CS_OFFL_SR_JORF_2_202300T195S_202300T195S_0001 CS_OFFL_SR_JORF_2_202300T195S_202300T195S_0001 CS_OFFL_SR_JORF_2_202300T195S_0001 CS_OFFL_SR_JORF_2_202300T195S | CS_OFFL_SIR_IOPR_2_20220308T154554_20220308T154705_C001 | | |
| Col. CHFL_SRI_CHFL_2_20200001114132_2020001117182_0001 Col. CHFL_SRI_CHFL_2_20200001171832_2020001171832_0001 Col. CHFL_SRI_CHFL_2_20200001171832_202000117225_0001 Col. CHFL_SRI_CHFL_2_20200001171832_202000117225_0001 Col. CHFL_SRI_CHFL_2_20200001171832_202000117225_0001 Col. CHFL_SRI_CHFL_2_2020000117233_000117225_0001 Col. CHFL_SRI_CHFL_2_202000011723_000117225_0001 Col. CHFL_SRI_CHFL_2_202000011723_000117225_0001 Col. CHFL_SRI_CHFL_2_202000011723_000117225_0001 Col. CHFL_SRI_CHFL_2_202000011723_000117225_0001 Col. CHFL_SRI_CHFL_2_202000011723_000117225_0001 Col. CHFL_SRI_CHFL_2_202000011723_000117225_0001 Col. CHFL_SRI_CHFL_2_2020000117225_000117225_0001 Col. CHFL_SRI_CHFL_2_2020000117225_000117225_0001 Col. CHFL_SRI_CHFL_2_2020000117225_000117225_0001 Col. CHFL_SRI_CHFL_2_2020000117225_000117225_0001 Col. CHFL_SRI_CHFL_2_2020000117225_000117225_0001 Col. CHFL_SRI_CHFL_2_2020000117225_000117225_000117225_0001 Col. CHFL_SRI_CHFL_2_2020000117225_0001172 | CS_OFFL_SIR_IOPR_2_20220308T170604_20220308T171353_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Bit Restriction Coulty Fills COCG Allement Plans of Dools Plant Country Country Fills Cocg Cold Plant Country Country Fills Cocg Cocg Country Fills Cocg Cocg Fills Cocg Country Fills Cocg Cocg Fills Cocg Cocg Fills | CS_OFFL_SIR_IOPR_2_20220308T171353_20220308T171518_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CGO GREAGE COUNTY COUNT | CS_OFFL_SIR_IOPR_2_20220308T171613_20220308T171708_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Code | CS_OFFL_SIR_IOPR_2_20220308T171915_20220308T172257_C001 | | |
| OCG Barkscater Quality CS_OFFL_SIR_LOPR_2_20220381194610_202203981195292_20203981195292_202203811952929_20220381195292_202203 | CS_OFFL_SIR_IOPR_2_20220308T184306_20220308T184419_C001 | | |
| and Beakscater Quality FLRM, COOS CS_OFFL_SIR_IOPR_2_20220308T1852S2_2022038ET18571_CO01 CS_OFFL_SIR_IOPR_2_20220308T1852S2_2022038ET18571_CO01 CS_OFFL_SIR_IOPR_2_20220308T1852S2_2022038ET18571_CO01 CS_OFFL_SIR_IOPR_2_20220308T1852S2_2022038ET18571_CO01 CS_OFFL_SIR_IOPR_2_20220308T1852S2_2022038ET18571_CO01 CS_OFFL_SIR_IOPR_2_20220308T185332_CO01 CS_OFFL_SIR_IOPR_2_20220308T193332_CO01 CS_OFFL_SIR_IOPR_2_20220308T193332_CO01 CS_OFFL_SIR_IOPR_2_20220308T19332_CO01 CS_OFFL_SIR_IOPR_2_20220308T19332_CO01 CS_OFFL_SIR_IOPR_2_20220308T19332_CO01 CS_OFFL_SIR_IOPR_2_20220308T19332_CO01 CS_OFFL_SIR_IOPR_2_20220308T19332_CO01 CS_OFFL_SIR_IOPR_2_20220308T19332_CO01 CS_OFFL_SIR_IOPR_2_20220308T19332_CO01 CS_OFFL_SIR_IOPR_2_20220308T20182_20220308T19332_CO01 CS_OFFL_SIR_IOPR_2_20220308T20182_20220308T19332_CO01 CS_OFFL_SIR_IOPR_2_20220308T20182_20220308T20182_CO01 CS_OFFL_SIR_IOPR_2_20220308T20182_20220308T20182_CO01 CS_OFFL_SIR_IOPR_2_20220308T20182_20220308T20182_CO01 CS_OFFL_SIR_IOPR_2_20220308T20182_20220308T20182_CO01 CS_OFFL_SIR_IOPR_2_20220308T20182_CO01 CS_OFFL_SIR_IOPR_2_20220308T20182_CO01 | CS_OFFL_SIR_IOPR_2_20220308T184559_20220308T184608_C001 | | |
| GS_OFFL_SIR_IOPR_2_20220308T19372_000000000000000000000000000000000000 | CS_OFFL_SIR_IOPR_2_20220308T184610_20220308T185252_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCOS Backscatter Quality Flags more records CS_OFFL_SIR_IOPR_2_20220308T193030_20220308T193327_C001 CS_OFFL_SIR_IOPR_2_20220308T193030_20220308T193327_C001 CS_OFFL_SIR_IOPR_2_20220308T193457_20220308T1933712_C001 CS_OFFL_SIR_IOPR_2_20220308T193457_20220308T193712_C001 CS_OFFL_SIR_IOPR_2_20220308T193457_20220308T193712_C001 CS_OFFL_SIR_IOPR_2_20220308T201821_20220308T20307_C001 CS_OFFL_SIR_IOPR_2_20220308T201821_20220308T20307_C001 CS_OFFL_SIR_IOPR_2_20220308T201777_20220308T203146_C001 CS_OFFL_SIR_IOPR_2_20220308T20777_20220308T203146_C001 CS_OFFL_SIR_IOPR_2_20220308T20777_20220308T203146_C001 CS_OFFL_SIR_IOPR_2_20220308T20777_20220308T2011638_C001 CS_OFFL_SIR_IOPR_2_20220308T20777_20220308T2011638_C001 CS_OFFL_SIR_IOPR_2_20220308T20777_20220308T2011638_C001 CS_OFFL_SIR_IOPR_2_20220308T20777_20220308T201006_C001 CS_OFFL_SIR_IOPR_2_20220308T20777_20220308T20106_C001 CS_OFFL_SIR_IOPR_2_20220308T20777_20220308T20106_C001 CS_OFFL_SIR_IOPR_2_20220308T20593_20220308T222038_C001 CS_OFFL_SIR_IOPR_2_20220308T20593_20220308T222038_C001 CS_OFFL_SIR_IOPR_2_20220308T202058_20220308T222038_C001 CS_OFFL_SIR_IOPR_2_20220308T22058_20220308T222038_C001 CS_OFFL_SIR_IOPR_2_20220308T22058_20220308T222038_C001 CS_OFFL_SIR_IOPR_2_20220308T22058_20220308T222038_C001 CS_OFFL_SIR_IOPR_2_20220308T22058_20220308T222038_C001 CS_OFFL_SIR_IOPR_2_20220308T22058_20220308T222058_C001 CS_OFFL_SIR_IOPR_2_20220308T22058_20220308T222058_C001 CS_OFFL_SIR_IOPR_2_20220308T22058_20220308T222058_C001 CS_OFFL_SIR_IOPR_2_20220308T22058_20220308T232058_C001 CS_OFFL_SIR_IOPR_2_20220308T232058_20220308T232058_C001 CS_OFFL_SIR_IOPR_2_20220308T232058_20220308T232058_C001 CS_OFFL_SIR_IOPR_2_20220308T232058_20220308T233058_C001 CS_OFFL_SIR_IOPR_2_20220308T232058_20220308T232058_C001 CS_OFFL_SIR_IOPR_2_20220308T232058_20220308T232058_C001 CS_OFFL_SIR_IOPR_2_20220308T232058_20220308T233058_C001 CS_OFFL_SIR_IOPR_2_20220308T232058_2020308T233058_C001 CS_OFFL_SIR_IOPR_2_20220308T232058_2020308T233058_C001 CS_OFFL_SIR_IOPR_2_2022030 | CS_OFFL_SIR_IOPR_2_20220308T185252_20220308T185713_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIR_IOPR_2_20220308T193030_20220308T293712_C001 and flackscatter Quality P.R.M. CCOd. Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220308T20327_20220308T20307_C001 CS_OFFL_SIR_IOPR_2_20220308T20327_20220308T20307_C001 CS_OFFL_SIR_IOPR_2_20220308T20327_20220308T203146_C001 CS_OFFL_SIR_IOPR_2_20220308T20327_20220308T203146_C001 CS_OFFL_SIR_IOPR_2_20220308T20327_20220308T203146_C001 CS_OFFL_SIR_IOPR_2_20220308T20327_20220308T221006_C001 CS_OFFL_SIR_IOPR_2_20220308T203222_0020308T221006_C001 CS_OFFL_SIR_IOPR_2_20220308T203232_0020308T222006_C001 CS_OFFL_SIR_IOPR_2_20220308T203232_0020308T222006_C001 CS_OFFL_SIR_IOPR_2_20220308T203232_0020308T222006_C001 CS_OFFL_SIR_IOPR_2_20220308T203232_0020308T222200_C001 CS_OFFL_SIR_IOPR_2_20220308T232322_0020308T222200_C001 CS_OFFL_SIR_IOPR_2_20220308T232322_0020308T222200_C001 CS_OFFL_SIR_IOPR_2_20220308T232322_0020308T222200_C001 CS_OFFL_SIR_IOPR_2_20220308T232322_0020308T222200_C001 CS_OFFL_SIR_IOPR_2_20220308T232322_0020308T232309_C001 CS_OFFL_SIR_IOPR_2_20220308T232322_0020308T232309_C001 CS_OFFL_SIR_IOPR_2_20220308T232322_0020308T233090_C001 CS_OFFL_SIR_IOPR_2_20220308T232309_C001 CS_OFFL_SIR_IOPR_2_20220308T232309_C001 CS_OFFL_SIR_IOPR_2_20220308T232309_C001 CS_OFFL_SIR_IOPR_2_20220308T232309_C001 COCG Altimeter Range Coulty P.R.M. CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220308T232309_C001 CCG Altimeter Range Coulty P.R.M. CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CCG CARRIEDRANGE COUNTY P.R.M. CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CCG CARRIEDRANGE COU | CS_OFFL_SIR_IOPR_2_20220308T185723_20220308T190737_C001 | | |
| and Backscatter Quality PLRM. COCG Allimeter Range and Backscatter Quality Plags have been at for one or more records CS_OFFL_SIR_IOPR_2_20220308T201821_20220308T20307_CO11 All PLRM. COCG Allimeter Range SHA, SWH and Backscatter Quality Plags have been at for one or more records CS_OFFL_SIR_IOPR_2_20220308T201821_20220308T203146_CO11 CS_OFFL_SIR_IOPR_2_20220308T20177_20220308T203146_CO11 CS_OFFL_SIR_IOPR_2_20220308T20177_20220308T203146_CO11 CS_OFFL_SIR_IOPR_2_20220308T20177_20220308T203146_CO11 CS_OFFL_SIR_IOPR_2_20220308T211101_20220308T211638_CO11 CS_OFFL_SIR_IOPR_2_20220308T211101_20220308T211638_CO11 CS_OFFL_SIR_IOPR_2_20220308T220523_20220308T221006_CO11 CS_OFFL_SIR_IOPR_2_20220308T220523_20220308T221006_CO11 CS_OFFL_SIR_IOPR_2_20220308T22053_20220308T222038_CO11 CS_OFFL_SIR_IOPR_2_20220308T22058_20220308T222038_CO11 CS_OFFL_SIR_IOPR_2_20220308T222058_20220308T222058_CO11 CS_OFFL_SIR_IOPR_2_20220308T222058_20220308T222058_CO11 CS_OFFL_SIR_IOPR_2_20220308T2322058_20220308T222050_CO11 CS_OFFL_SIR_IOPR_2_20220308T2322058_20220308T232205_CO11 CS_OFFL_SIR_IOPR_2_20220308T2322058_20220308T232205_CO11 CS_OFFL_SIR_IOPR_2_20220308T2322058_20220308T232205_CO11 CS_OFFL_SIR_IOPR_2_20220308T2322058_20220308T232205_CO11 CS_OFFL_SIR_IOPR_2_20220308T2322058_20020308T232205_CO11 CS_OFFL_SIR_IOPR_2_20220308T2322058_20020308T232205_CO11 CS_OFFL_SIR_IOPR_2_20220308T2322058_20020308T232205_CO11 CS_OFFL_SIR_IOPR_2_20220308T2322058_20020308T232205_CO11 CS_OFFL_SIR_IOPR_2_20220308T2322058_20020308T232205_CO11 CS_OFFL_SIR_IOPR_2_20220308T2322058_20020308T232205_CO11 CS_OFFL_SIR_IOPR_2_20220308T2322058_2001 CS_OFFL_SIR_IOPR_2_20220308T2322058_2001 CS_OFFL_SIR_IOPR_2_20220308T2322058_2001 CS_OFFL_SIR_IOPR_2_20220308T2322058_2001 CS_OFFL_SIR_IOPR_2_20220308T2322058_2001 CS_OFFL_SIR_IOPR_2_20220308T2322058_2001 CS_OFFL_SIR_IOPR_2_20220308T2322058_2001 CS_OFFL_SIR_IOPR_2_20220308T2322058_2001 CS_OFFL_SIR_IOPR_2_20220308T2322058_2001 CS_OFFL_SIR_IOPR_2_20220308T2322056_CO11 CS_OFFL_SIR_IOPR_2_2022030 | CS_OFFL_SIR_IOPR_2_20220308T193030_20220308T193327_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIR_IOPR_2_20220308T201821_20220308T202030FC001 and Backscatter Quality PLRM, OCOG Allimeter Range | CS_OFFL_SIR_IOPR_2_20220308T193457_20220308T193712_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| and Backscatter Quality PLRM, COG Altimeter Range and Backscatter Quality Plant and Backscatter | CS_OFFL_SIR_IOPR_2_20220308T201821_20220308T202307_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIR_IOPR_2_20220308T211101_20220308T211638_C001 and Backscatter Quality PLRM, COG Altimeter Range and Backscatter Quality Flags and the OCGS Altimete | CS_OFFL_SIR_IOPR_2_20220308T202727_20220308T203146_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Additionate Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220308T222658_20220308T22250_C001 CS_OFFL_SIR_IOPR_2_20220308T222058_20220308T22250_C001 CS_OFFL_SIR_IOPR_2_20220308T222058_20220308T22250_C001 CS_OFFL_SIR_IOPR_2_20220308T232419_20220308T232614_C001 CS_OFFL_SIR_IOPR_2_20220308T232419_20220308T232614_C001 CS_OFFL_SIR_IOPR_2_20220308T232624_20220308T232614_C001 CS_OFFL_SIR_IOPR_2_20220308T232624_20220308T232629_C001 CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T232659_C001 CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T233056_C001 CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T233056_C001 CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T233056_C001 CS_OFFL_SIR_IOPR_2_20220308T234459_20220308T235119_C001 CS_OFFL_SIR_IOPR_2_20220308T234459_20220308T235630_C001 CS_OFFL_SIR_IOPR_2_20220308T234459_20220308T235630_C001 CS_OFFL_SIR_IOPR_2_20220308T235610_20220308T235630_C001 CS_OFFL_SIR_IOPR_2_20220308T23 | CS_OFFL_SIR_IOPR_2_20220308T211101_20220308T211638_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Plags have been and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter | CS_OFFL_SIR_IOPR_2_20220308T220523_20220308T221006_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIR_IOPR_2_20220308T232614_20220308T232614_C001 CS_OFFL_SIR_IOPR_2_20220308T232624_20220308T232629_C001 CS_OFFL_SIR_IOPR_2_20220308T232624_20220308T232629_C001 CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T233056_C001 CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T233056_C001 CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T233056_C001 CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T233056_C001 CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T235119_C001 CS_OFFL_SIR_IOPR_2_20220308T235610_20220308T235632_C001 CS_OFFL_SIR_IOPR_2_20220308T235610_20220308T235632_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality Flags have b | CS_OFFL_SIR_IOPR_2_20220308T221627_20220308T222038_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIR_IOPR_2_20220308T232624_20220308T232629_C001 CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T232629_C001 CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T233056_C001 CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T235119_C001 CS_OFFL_SIR_IOPR_2_20220308T234459_20220308T235119_C001 CS_OFFL_SIR_IOPR_2_20220308T235610_20220308T235632_C001 OCGG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_IOPR_2_20220308T222058_20220308T222250_C001 | | |
| OCOG Backscatter Quality CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T233056_C001 CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T233056_C001 CS_OFFL_SIR_IOPR_2_20220308T234459_20220308T235119_C001 CS_OFFL_SIR_IOPR_2_20220308T235610_20220308T235632_C001 OCOG Backscatter Quality DCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220308T235610_20220308T235632_C001 OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Q | CS_OFFL_SIR_IOPR_2_20220308T232419_20220308T232614_C001 | | |
| CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T233056_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220308T234459_20220308T235119_C001 CS_OFFL_SIR_IOPR_2_20220308T235610_20220308T235632_C001 And Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220308T235610_20220308T235632_C001 And Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220308T235610_20220308T235632_C001 And Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. | CS_OFFL_SIR_IOPR_2_20220308T232624_20220308T232629_C001 | | |
| and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_IOPR_2_20220308T235419_20220308T2355119_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags are for one or more records. | CS_OFFL_SIR_IOPR_2_20220308T232630_20220308T233056_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been | CS_OFFL_SIR_IOPR_2_20220308T234459_20220308T235119_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Prkw | CS_OFFL_SIR_IOPR_2_20220308T235610_20220308T235632_C001 | and Backscatter Quality PLRM, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |

The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

L2 Quality Flags (1 Hz & 1 Hz PLRM)

Currently, there are several common flags raised in the Level 2 products, which are summarised below.

> 1 Hz and 1 Hz Ocean SSHA Quality Flags: These flags are currently set for products over sea ice, which is to be expected.

Number of products with errors:

5.8 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20 Hz)

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

> Ocean Retracking Quality Flag: This flag is currently set for products over land and sea ice, but this is to be expected. The number of products with this error flag set is given below.

Number of products with errors:

L2 Retracking Flags (20 Hz PLRM)

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

> Ocean Retracking Quality Flag (PLRM): This flag is currently set for products IOPR and IOPN products over sea ice, but this is to be expected.

Number of products with errors:

Ю

6. IOP L2 Pole-to-Pole Data Quality Check

6.1 P2P 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 NetCDF product file (.nc).

Number of products with errors:

6.2 P2P Product Header Analysis

For all products, a series of pre-defined checks are performed 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: Not

6.3 P2P 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.

umber of products with errors:

0

6.4 P2P Auxiliary Correction Error Check

For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767).

Currently, there are some common auxiliary correction errors raised in the Level 2 products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

- > ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric Correction, Wet Tropospheric Correction, Inverse Barometric Correction and the U-Wind and V-Wind components of the ECMWF model wind vector. This is a known anomaly (CRYO-COP-3) and will be resolved in a future IPF update. The affected products are not reported in the table below.
- > Sea State Bias & Sea State Bias PLRM: The error value is currently set for products over sea ice, but this is to be expected.
- > Mean Sea Surface: The error value is currently set for products over land and sea ice, but this is to be expected.
- > Mean Dynamic Topography: The error value is currently set for products over land and sea ice, but this is to be expected.
- > Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.

Number of products with errors: 30

| Product | Test Failed | Description |
|--|---|---|
| CS_OFFL_SIR_IOP_220220307T235048_20220308T004026_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T004026_20220308T013002_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_2_20220308T013002_20220308T021941_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_2_20220308T021941_20220308T030917_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), and tidal corrections for one or more records |
| CS_OFFL_SIR_IOP_220220308T030917_20220308T035856_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T035856_20220308T044832_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T044832_20220308T053811_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_2_20220308T053811_20220308T062747_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T062747_20220308T071725_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) | There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records |
| CS_OFFL_SIR_IOP_220220308T071725_20220308T080701_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |

| CS_OFFL_SIR_IOP_220220308T080701_20220308T085640_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
|--|---|---|
| CS_OFFL_SIR_IOP_220220308T085640_20220308T094616_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T094616_20220308T103554_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), and tidal corrections for one or more records |
| CS_OFFL_SIR_IOP_220220308T103554_20220308T112530_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T112530_20220308T121509_C001 | Mean Sea Surrace (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES). Non-Equilibrium Long Period | There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), and tidal corrections for one or more records |
| CS_OFFL_SIR_IOP_220220308T121509_20220308T130445_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T130445_20220308T135424_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_2_20220308T135424_20220308T144400_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T144400_20220308T153339_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_2_20220308T153339_20220308T162315_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_2_20220308T162315_20220308T171253_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T171253_20220308T180229_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T180229_20220308T185208_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), and tidal corrections for one or more records |
| CS_OFFL_SIR_IOP_220220308T185208_20220308T194144_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T194144_20220308T203123_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T203123_20220308T212058_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T212058_20220308T221037_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T221037_20220308T230013_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), and tidal corrections for one or more records |
| CS_OFFL_SIR_IOP_220220308T230013_20220308T234952_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |
| CS_OFFL_SIR_IOP_220220308T234952_20220309T003928_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) |

6.5 P2P Measurement Confidence Data Check

CryoSat P2P data includes a measurement confidence flag 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_IOP_220220308T004026_20220308T013002_C001 | Power scaling error | There is an error in the scaling of the L1B waveform for one or more records |

6.6 P2P Measurement Quality Flag Check

P2P Quality Flags (20 Hz)

CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Hz measurement record, copied from the corresponding L2 products.

Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.

Number of products with errors:

P2P Quality Flags (20 Hz PLRM)

Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.

Number of products with errors:

P2P Quality Flags (1 Hz & 1 Hz PLRM)

Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.

Number of products with errors:

6.8 P2P Ocean Retracking Quality Check

P2P Retracking Flags (20 Hz)

Cryosat P2P data includes an ocean retracking quality flag (field 19) for each 20 Hz measurement record. The bit value of this flag indicates any problems when set.

> Ocean Retracking Quality Flag (PLRM): This flag is currently set for products IOPR and IOPN products over sea ice, but this is to be expected.

Number of products with errors:

27

P2P Retracking Flags PLRM

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

> Ocean Retracking Quality Flag (PLRM): This flag is currently set for products IOPR and IOPN products over sea ice, but this is to be expected.

Number of products with errors:

30

7. IOP QCC Report Analysis

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

| Product type | No. Products | No. QCC Reports | No. Valid | No. Warnings | No. Errors |
|--------------|--------------|-----------------|-----------|--------------|------------|
| SIR_IOPM1B | 198 | 198 | 2 | 196 | 0 |
| SIR_IOPR1B | 144 | 106 | 5 | 99 | 2 |
| SIR_IOPN1B | 106 | 144 | 0 | 144 | 0 |
| SIR_IOPM_2 | 198 | 198 | 145 | 53 | 0 |
| SIR_IOPR_2 | 144 | 104 | 40 | 63 | 1 |
| SIR_IOPN_2 | 104 | 144 | 65 | 76 | 3 |
| SIR_IOP_P2P | 29 | 29 | 0 | 25 | 4 |

7.1 QCC Errors

SIR_IOPN_2

Number of QCC reports with errors:

Product Type RLOBOPNCDF
SIR_IOPN1B 0

19

RLOBOPNCDF

| I otal number of occurrences | of each error | | |
|------------------------------|---------------|---|--|
| RRTAISSOPOBHRNCDF | - | - | |
| 2 | | | |

| SIR_IOPR_2 | 3 | 3 | 3 | 3 | ' | U | | | | | |
|--------------|------------|----|------------|----|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| Product Type | RLOBOPNCDF | RL | RLOBOPNCDF | RL | - | - | - | - | - | - | - |
| SIR IOP 2 | 4 | 4 | 4 | 4 | | | | | | | |

| Test Description Key: | | | | | |
|-----------------------|---|---|--|--|--|
| Abbreviation | Test name | Details | | | |
| RLOBOPNCDF | RangeLatitudeOrBlankOP_7NetCDF | Latitude should be between -90E7 and 90E7 | | | |
| RL | RangeLatitude_7 | Latitude should be between -90E7 and 90E7 | | | |
| RLOBOPNCDF | RangeLongitudeOrBlankOP_7NetCDF | Longitude should be between -180E7 and 180E7 | | | |
| RL | RangeLongitude_7 | Longitude should be between -180E7 and 180E7 | | | |
| RRTAISSOPOBHRNCDF | RangeRecordTAlStartStopOPOrBlankHRNetCE | The time value should be between the the record TAI start/stop times of the MPH with a margin of 0.5 s - NetCDF | | | |

7.2 QCC Warnings

Number of QCC reports with warnings

2162

| Total numb | per of occurrences | of ea | ch warning |
|------------|--------------------|-------|------------|
| | | | |

| Product Type | BCSHNCDF | IOHHMOOR | MVIOEPFDNCDF | MVIOEPNCDF | MVIONCDF | RBSZOPOEPFDNCDF | RBSZOPOEPFDPLRMNCD |
|--------------|----------|----------|--------------|------------|----------|-----------------|--------------------|
| SIR_IOPM1B | 196 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_IOPM_2 | 0 | 0 | 35 | 35 | 2 | 43 | 0 |
| SIR_IOPN1B | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_IOPN_2 | 0 | 1 | 9 | 34 | 7 | 23 | 28 |
| SIR_IOPR1B | 137 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_IOPR_2 | 0 | 3 | 24 | 35 | 2 | 26 | 21 |

| Product Type | RBSZOPOEPNCDF | RPEPOPFDLRMNCDF | RPEPOPFDPLRMSARNCD | RPEPOPFDPLRMSINNCDF | RPEPOPFDSARNCDF | RPEPOPFDSINNCDF | RPEPOPLRMNCDF |
|--------------|---------------|-----------------|--------------------|---------------------|-----------------|-----------------|---------------|
| SIR_IOPM1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_IOPM_2 | 38 | 28 | 0 | 0 | 0 | 0 | 24 |
| SIR_IOPN1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_IOPN_2 | 11 | 0 | 0 | 19 | 0 | 34 | 0 |
| SIR_IOPR1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_IOPR_2 | 12 | 0 | 38 | 0 | 43 | 0 | 0 |

| Product Type | RPEPOPSARNCDF | RPEPOPSINNCDF | RSSBCONCDF | RSSHAOFDNCDF | RSSHAOFDPLRMNCDF | RSSHAONCDF | RSWHOEPFDNCDF |
|--------------|---------------|---------------|------------|--------------|------------------|------------|---------------|
| SIR_IOPM1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_IOPM_2 | 0 | 0 | 4 | 27 | 0 | 7 | 34 |
| SIR_IOPN1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_IOPN_2 | 0 | 28 | 17 | 40 | 56 | 35 | 30 |
| SIR_IOPR1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_IOPR_2 | 39 | 0 | 5 | 63 | 33 | 8 | 26 |

| Product Type | RSWHOEPFDPLRMNCDF | RSWHOEPNCDF | SPHRTASCNSNCDF | SOOHHIFHD | SCSTODHRNCDF | SCSTODNCDF | - |
|--------------|-------------------|-------------|----------------|-----------|--------------|------------|---|
| SIR_IOPM1B | 0 | 0 | 1 | 0 | 0 | 0 | |
| SIR_IOPM_2 | 0 | 4 | 1 | 0 | 0 | 0 | |
| SIR_IOPN1B | 0 | 0 | 0 | 0 | 46 | 1 | |
| SIR_IOPN_2 | 29 | 17 | 0 | 1 | 0 | 0 | |
| SIR_IOPR1B | 0 | 0 | 0 | 0 | 144 | 11 | |
| SIR_IOPR_2 | 39 | 3 | 0 | 4 | 0 | 0 | |

| SIR IOP 2 18 27 27 6 29 19 29 | Product Type | IOHHMOOR | MVIOEPFDNCDF | MVIOEPNCDF | MVIONCDF | RBSZOPOEPFDNCDF | RBSZOPOEPFDPLRMNCD | RBSZOPOEPNCDF |
|---|--------------|----------|--------------|------------|----------|-----------------|--------------------|---------------|
| 0 2 10 2 10 2 10 20 10 20 10 20 10 20 10 20 10 20 10 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10 | SIR IUP Z | 18 | 27 | 27 | 6 | 29 | 19 | 29 |

| Pro | duct Type | RPEPOPFDPLRMSINNCD | RPEPOPFDSINNCDF | RPEPOPSINNCDF | RSSBCONCDF | RSSHAOFDNCDF | RSSHAOFDPLRMNCDF | RSSHAONCDF |
|-----|-----------|--------------------|-----------------|---------------|------------|--------------|------------------|------------|
| | R_IOP_2_ | 14 | | 21 | 18 | 29 | 18 | 26 |

| Product Type | RSWHOEPFDNCDF | RSWHOEPFDPLRMNCDF | RSWHOEPNCDF | SPHLPQWNCDF | - | - | - |
|--------------|---------------|-------------------|-------------|-------------|---|---|---|
| SIR_IOP_2_ | 28 | 18 | 19 | 29 | | | |

| Fest Description Key: | | | | | | | |
|-------------------------|---|--|--|--|--|--|--|
| Abbreviation | Test name | Details | | | | | |
| BCSHNCDF | BurstCounterStep20HzNetCDF | The burst counter should be one higher with regard to the previous burst counter | | | | | |
| IOHHMOOR | IndexOf1Hzin20HzMappingOutOfRange | The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1) | | | | | |
| MVIOEPFDNCDF | MissingValueIntOceanExcludingPolarFD2NetCDF | The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees | | | | | |
| MVIOEPNCDF | MissingValueIntOceanExcludingPolarNetCDF | The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees | | | | | |
| MVIONCDF | MissingValueIntOceanNetCDF | The value should not be a 'missing value' for surface type 0 only | | | | | |
| RBSZOPOEPFDNCDF | RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF | The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | | |
| RBSZOPOEPFDPLRM NCDF | RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF | The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | | |
| RBSZOPOEPNCDF | RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF | The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | | |
| RPEPOPFDLRMNCDF | RangePeakinessExcludingPolarOPFD2LRMNetCDF | The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | | |
| RPEPOPFDPLRMSAR NCDF | RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF | The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | | |
| RPEPOPFDPLRMSINN CDF | RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF | The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | | |
| RPEPOPFDSARNCDF | RangePeakinessExcludingPolarOPFD2SARNetCDF | The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | | |
| RPEPOPFDSINNCDF | RangePeakinessExcludingPolarOPFD2SINNetCDF | The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | | |
| RPEPOPLRMNCDF | RangePeakinessExcludingPolarOPLRMNetCDF | The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | | |
| RPEPOPSARNCDF | RangePeakinessExcludingPolarOPSARNetCDF | The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | | |
| RPEPOPSINNCDF | RangePeakinessExcludingPolarOPSINNetCDF | The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | | |
| RSSBCONCDF | RangeSeaStateBiasCorrectionOceanNetCDF | The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean | | | | | |
| RSSHAOFDNCDF | RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF | The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean | | | | | |
| RSSHAOFDPLRMNCD F | RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF | The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean | | | | | |
| RSSHAONCDF | RangeSeaSurfaceHeightAnomalyOceanNetCDF | The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean | | | | | |
| RSWHOEPFDNCDF | RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF | The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | | |
| RSWHOEPFDPLRMNC DF | RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF | The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | | |
| RSWHOEPNCDF | RangeSignificantWaveHeightOceanExcludingPolarNetCDF | The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | | |
| SPHRTASCNSNCDF | SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF | Rel_Time_ASC_Node_Stop mismatch | | | | | |
| SOOHHIFHD | SameOrOneHigher1HzIndexFor20HzData | The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample | | | | | |
| SCSTODHRNCDF | SequenceCounterStepTODHRNetCDF | The sequence counter should be modulo 4 higher with regard to the previous sequence counter | | | | | |
| SCSTODNCDF | SequenceCounterStepTODNetCDF | The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter | | | | | |

7.3 Missing QCC Reports

Number of products with missing QCC reports: