





1. Overview

QA4EO Daily Report for NOP data:

| Report Production: | 22-Dec-2022 |
|--------------------|--|
| Processor Used: | CryoSat Ocean Processor |
| Data Used: | Near Real Time Ocean Products (NOP) L1B & L2 Science Data |

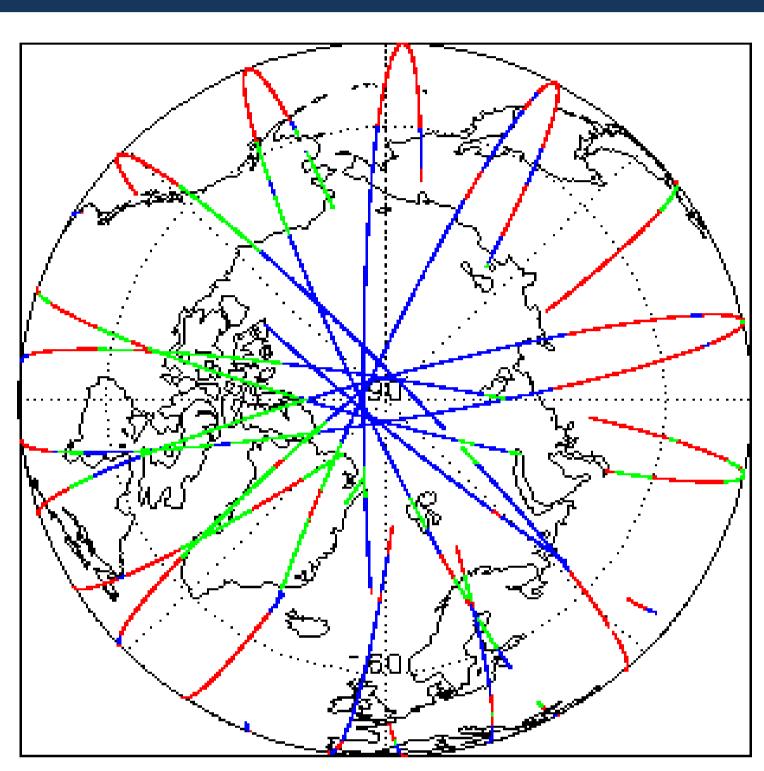
We would love to hear from you! Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to

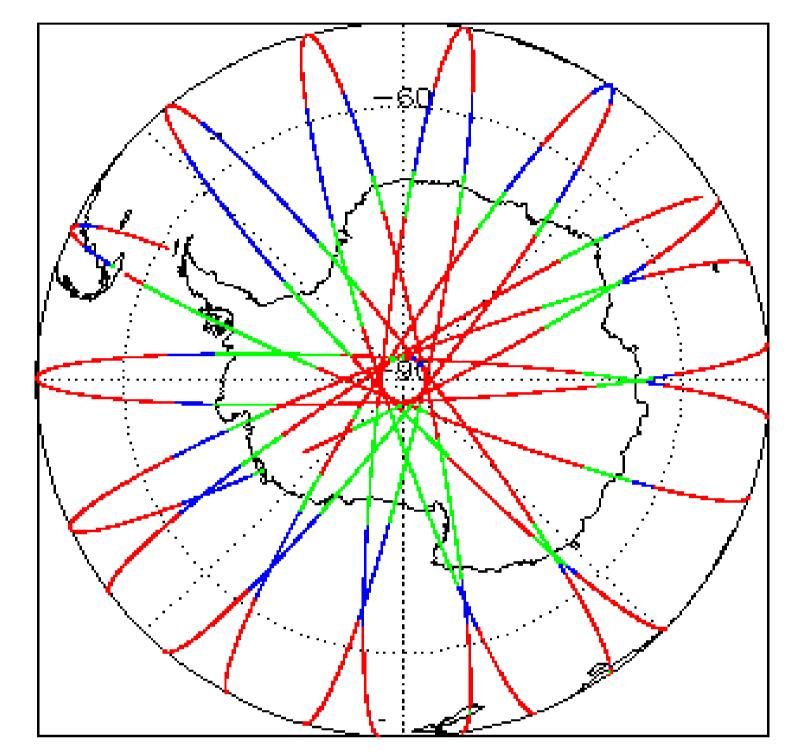
cs2_qc_team@telespazio.com

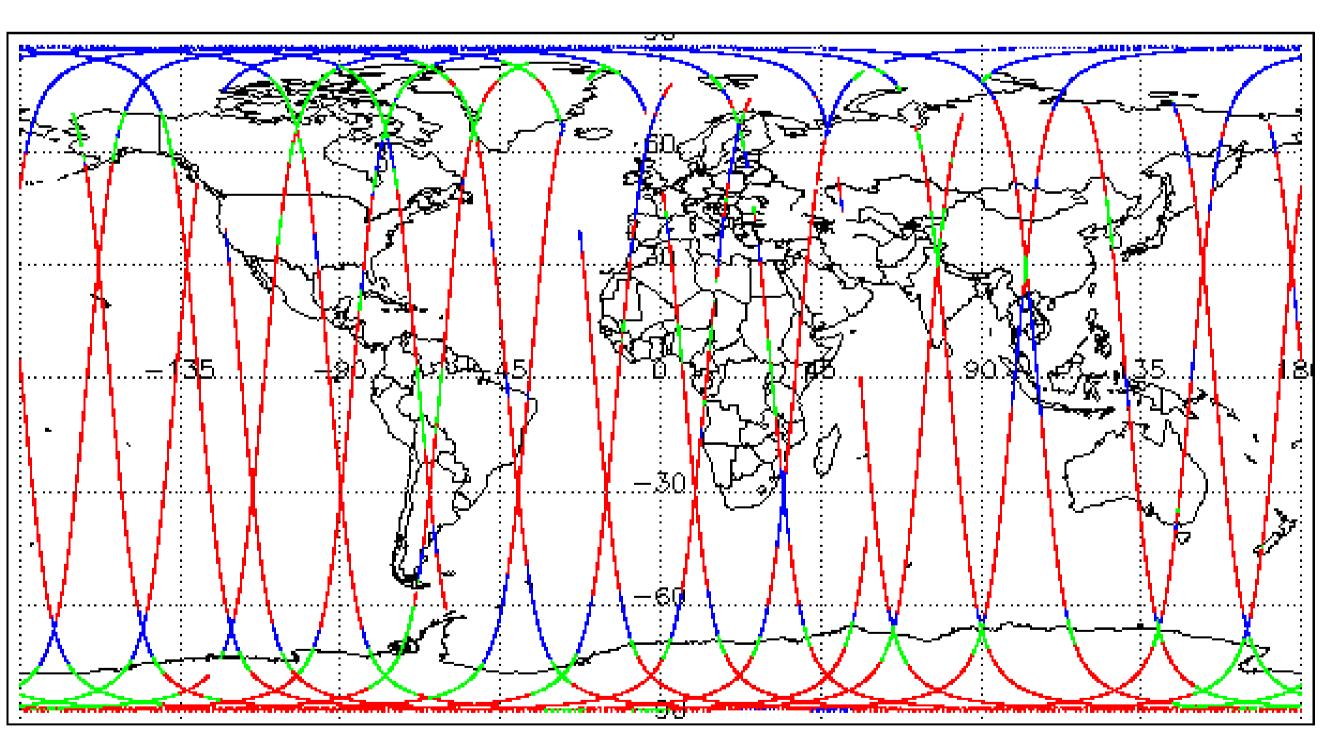
| Check | L1 & L2 |
|---|------------------------------|
| Server check: science-pds.cryosat.esa.int | Nominal |
| Server check: calval-pds.cryosat.esa.int | Nominal |
| Product Software Check | Nominal |
| Product Format Check | Nominal |
| Product Header Analysis | Nominal |
| Auxiliary Data File Usage Check | Nominal |
| Auxiliary Correction Error Check | See Section 5.4 |
| Measurement Confidence Data Check | See Section 4.5, 4.6 and 5.5 |
| Measurement Quality Flag Check | See Section 5.6 |
| Ocean Retracking Quality Check | See Section 5.7 |
| QCC Error/ Warning Check | See Section 7.1 and 7.2 |

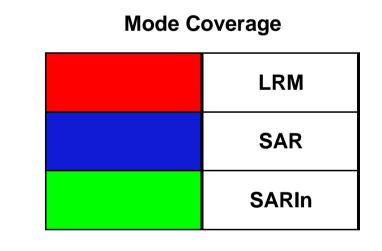
| Mission / Instru | ument News |
|------------------|---|
| 20-Dec-2022 | None |
| 21-Dec-2022 | SIRAL unavailability 19:14:29 to 20:12:07 due to a ground control manoeuvre |
| 22-Dec-2022 | Nothing planned |

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 |
|-----------------------------|----------------|
| Star Tracker(s) in use: | Star Tracker 1 |

4. NOP Level 1B Data Quality Check

4.1 L1B 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).

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 l1b_proc_flag_hr flag is currently set all L1B NOPR and NOPN products because the l1b_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.

> Dynamic Atmospheric Correction: The DAC is missing in all products because the auxiliary files required are not available in time for processing. This known and expected behaviour.

Number 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:

0

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 NOPR products due to a configuration issue. The attitude correction is not actually missing, This is being investigated and will be updated in the next SW update.

Number of products with errors:

ProductTest FailedDescriptionCS_OFFL_SIR_NOPM1B_20221221T183605_20221221T184829_C001Power scaling errorThere 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 occasional products over land, but this is to be expected.

Number of products with errors:

17

| Product | Test Failed | Description |
|---|--------------|--|
| CS_OFFL_SIR_NOPM1B_20221221T075026_20221221T080354_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPM1B_20221221T142542_20221221T145921_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20221221T010507_20221221T010540_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20221221T074430_20221221T074703_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20221221T082118_20221221T082717_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20221221T141318_20221221T141414_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20221221T173230_20221221T173349_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20221221T190706_20221221T191109_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20221221T204730_20221221T205154_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20221221T001807_20221221T002048_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20221221T042656_20221221T043422_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20221221T063950_20221221T064616_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20221221T114044_20221221T114313_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20221221T131935_20221221T132302_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20221221T145921_20221221T150239_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20221221T155418_20221221T160421_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20221221T204421_20221221T204637_C001 | Loss of Echo | The tracking echo is missing for one or more records |

5. NOP 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:

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.

Wind Model File Usage: This file is currently not included in all L2 products.

Number of products with errors:

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 Corection, 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.
- > 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:

42

| Product | Test Failed | Description |
|---|---|--|
| CS_OFFL_SIR_NOPM_2_20221221T105133_20221221T105151_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T014630_20221221T014755_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T015544_20221221T015657_C001 | Mean Sea Surface (1) | There is an error with the MSS height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T024724_20221221T024812_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_NOPN_2_20221221T032558_20221221T032724_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) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T033236_20221221T033538_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) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T050618_20221221T050918_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T051139_20221221T051656_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) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T060236_20221221T060324_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) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T064616_20221221T064851_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) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T074128_20221221T074242_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) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T074430_20221221T074703_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_NOPN_2_20221221T082118_20221221T082717_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T092052_20221221T092136_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) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T092348_20221221T092535_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T100334_20221221T100523_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) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T110029_20221221T110509_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T114314_20221221T114334_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T132302_20221221T132650_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) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T141318_20221221T141414_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T150240_20221221T150555_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) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T151108_20221221T151229_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T155333_20221221T155417_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) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T172916_20221221T173133_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 the tidal corrections for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T173230_20221221T173349_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) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T190706_20221221T191109_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_NOPN_2_20221221T191136_20221221T191301_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) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T204730_20221221T205154_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) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221221T214506_20221221T214829_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |

| CS_OFFL_SIR_NOPN_2_20221221T222626_20221221T223016_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) for one or more records |
|---|--|--|
| CS_OFFL_SIR_NOPN_2_20221221T232612_20221221T232729_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPR_2_20221221T005732_20221221T010425_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) for one or more records |
| CS_OFFL_SIR_NOPR_2_20221221T055508_20221221T055604_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPR_2_20221221T091445_20221221T092052_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) for one or more records |
| CS_OFFL_SIR_NOPR_2_20221221T105616_20221221T110029_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) for one or more records |
| CS_OFFL_SIR_NOPR_2_20221221T123332_20221221T124112_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) for one or more records |
| CS_OFFL_SIR_NOPR_2_20221221T141414_20221221T142201_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) for one or more records |
| CS_OFFL_SIR_NOPR_2_20221221T155418_20221221T160421_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) for one or more records |
| CS_OFFL_SIR_NOPR_2_20221221T173349_20221221T174116_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) for one or more records |
| CS_OFFL_SIR_NOPR_2_20221221T191301_20221221T191429_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) for one or more records |
| CS_OFFL_SIR_NOPR_2_20221221T205154_20221221T205853_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) for one or more records |
| CS_OFFL_SIR_NOPR_2_20221221T223016_20221221T223531_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) for one or more records |

5.5 L2 Measurement Confidence Data Check

CryoSat L2 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_NOPM_2_20221221T183605_20221221T184829_C001 | Power scaling error | There is an error in the scaling of the L2 waveform for one or more records |

Description

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20 Hz)

Product

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.

Test Failed

- > 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: 77

| T TOURDE | 1 Cot 1 anca | Description |
|---|--|---|
| CS_OFFL_SIR_NOPM_2_20221220T234019_20221221T000528_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_NOPM_2_20221221T000754_20221221T001307_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_NOPM_2_20221221T001314_20221221T001641_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_NOPM_2_20221221T002048_20221221T005333_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_NOPM_2_20221221T011627_20221221T013431_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_NOPM_2_20221221T013945_20221221T014421_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_NOPM_2_20221221T014755_20221221T015342_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_NOPM_2_20221221T020016_20221221T023257_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_NOPM_2_20221221T031111_20221221T032238_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_NOPM_2_20221221T032724_20221221T033235_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_NOPM_2_20221221T033901_20221221T040048_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_NOPM_2_20221221T040305_20221221T041305_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_NOPM_2_20221221T042634_20221221T042656_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_NOPM_2_20221221T044326_20221221T050203_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_NOPM_2_20221221T051840_20221221T055117_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_NOPM_2_20221221T055302_20221221T055316_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_NOPM_2_20221221T060729_20221221T062627_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_NOPM_2_20221221T062652_20221221T063949_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_NOPM_2_20221221T065226_20221221T065550_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_NOPM_2_20221221T065751_20221221T071311_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_NOPM_2_20221221T071513_20221221T072434_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_NOPM_2_20221221T073034_20221221T073106_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_NOPM_2_20221221T074704_20221221T075004_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_NOPM_2_20221221T075026_20221221T080354_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_NOPM_2_20221221T082018_20221221T082118_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_NOPM_2_20221221T082717_20221221T083011_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_NOPM_2_20221221T083021_20221221T083452_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_NOPM_2_20221221T083726_20221221T085140_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_NOPM_2_20221221T093026_20221221T093600_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_NOPM_2_20221221T093845_20221221T100223_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_NOPM_2_20221221T100524_20221221T101354_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_NOPM_2_20221221T101637_20221221T104152_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_NOPM_2_20221221T111451_20221221T114044_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_NOPM_2_20221221T114737_20221221T115154_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_NOPM_2_20221221T115549_20221221T121254_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| | Altimeter Range and Backscatter Quality | set for one or more records |

| CS_OFFL_SIR_NOPM_2_20221221T123308_20221221T123332_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_NOPM_2_20221221T124814_20221221T131935_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_NOPM_2_20221221T132650_20221221T133236_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_NOPM_2_20221221T133530_20221221T134016_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_NOPM_2_20221221T142542_20221221T145921_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_NOPM_2_20221221T150556_20221221T151108_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_NOPM_2_20221221T151544_20221221T153226_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_NOPM_2_20221221T160421_20221221T163302_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_NOPM_2_20221221T163313_20221221T163817_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_NOPM_2_20221221T164603_20221221T165017_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_NOPM_2_20221221T165457_20221221T171943_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_NOPM_2_20221221T174601_20221221T174713_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_NOPM_2_20221221T174749_20221221T175759_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_NOPM_2_20221221T180245_20221221T180939_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_NOPM_2_20221221T181059_20221221T181735_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_NOPM_2_20221221T181934_20221221T182456_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_NOPM_2_20221221T182515_20221221T182727_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_NOPM_2_20221221T183605_20221221T184829_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_NOPM_2_20221221T185003_20221221T185907_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_NOPM_2_20221221T190025_20221221T190705_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_NOPM_2_20221221T201207_20221221T201622_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_NOPM_2_20221221T202958_20221221T204254_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_NOPM_2_20221221T210436_20221221T210441_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_NOPM_2_20221221T212026_20221221T213554_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_NOPM_2_20221221T213840_20221221T214325_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_NOPM_2_20221221T214958_20221221T221630_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_NOPM_2_20221221T224942_20221221T231505_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_NOPM_2_20221221T231831_20221221T232226_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_NOPM_2_20221221T232246_20221221T232611_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_NOPM_2_20221221T232932_20221221T235608_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_NOPN_2_20221221T000617_20221221T000754_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_NOPN_2_20221221T025345_20221221T025355_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_NOPN_2_20221221T141318_20221221T141414_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_NOPN_2_20221221T142404_20221221T142542_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_NOPN_2_20221221T165017_20221221T165125_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_NOPN_2_20221221T180940_20221221T180941_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_NOPN_2_20221221T224737_20221221T224942_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_NOPR_2_20221221T055213_20221221T055229_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_NOPR_2_20221221T075004_20221221T075026_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_NOPR_2_20221221T105616_20221221T110029_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_NOPR_2_20221221T204421_20221221T204637_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_NOPR_2_20221221T211310_20221221T212026_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: 90

| Product | Test Failed | Description |
|---|--|---|
| CS_OFFL_SIR_NOPN_2_20221221T000617_20221221T000754_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_NOPN_2_20221221T001641_20221221T001807_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_NOPN_2_20221221T005333_20221221T005732_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_NOPN_2_20221221T023316_20221221T023334_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_NOPN_2_20221221T023425_20221221T023637_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_NOPN_2_20221221T030303_20221221T030448_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_NOPN_2_20221221T032558_20221221T032724_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_NOPN_2_20221221T033236_20221221T033538_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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| CS_OFFL_SIR_NOPN_2_20221221T050618_20221221T050918_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_NOPN_2_20221221T051139_20221221T051656_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_NOPN_2_20221221T055604_20221221T055607_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_NOPN_2_20221221T060236_20221221T060324_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_NOPN_2_20221221T064616_20221221T064851_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_NOPN_2_20221221T065551_20221221T065721_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_NOPN_2_20221221T074128_20221221T074242_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_NOPN_2_20221221T080354_20221221T080743_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_NOPN_2_20221221T082118_20221221T082717_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_NOPN_2_20221221T092549_20221221T092624_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_NOPN_2_20221221T092847_20221221T093010_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_NOPN_2_20221221T093722_20221221T093844_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_NOPN_2_20221221T100334_20221221T100523_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_NOPN_2_20221221T104153_20221221T104538_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_NOPN_2_20221221T111115_20221221T111317_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_NOPN_2_20221221T114314_20221221T114334_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_NOPN_2_20221221T115155_20221221T115444_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_NOPN_2_20221221T132302_20221221T132650_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_NOPN_2_20221221T133236_20221221T133350_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_NOPN_2_20221221T141049_20221221T141136_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_NOPN_2_20221221T142201_20221221T142323_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_NOPN_2_20221221T151108_20221221T151229_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_NOPN_2_20221221T153226_20221221T153513_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_NOPN_2_20221221T154258_20221221T154311_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_NOPN_2_20221221T163956_20221221T164401_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
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| CS_OFFL_SIR_NOPN_2_20221221T165017_20221221T165125_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_NOPN_2_20221221T181805_20221221T181934_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_NOPN_2_20221221T190706_20221221T191109_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_NOPN_2_20221221T191136_20221221T191301_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_NOPN_2_20221221T202356_20221221T202948_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_NOPN_2_20221221T204255_20221221T204417_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_NOPN_2_20221221T204638_20221221T204715_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_NOPN_2_20221221T204730_20221221T205154_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_NOPN_2_20221221T222626_20221221T223016_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_NOPN_2_20221221T224527_20221221T224659_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_NOPN_2_20221221T224737_20221221T224942_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_NOPR_2_20221221T001807_20221221T002048_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_NOPR_2_20221221T005732_20221221T010425_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_NOPR_2_20221221T015657_20221221T020016_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_NOPR_2_20221221T024837_20221221T025226_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_NOPR_2_20221221T025509_20221221T025830_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_NOPR_2_20221221T031034_20221221T031111_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_NOPR_2_20221221T040048_20221221T040305_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_NOPR_2_20221221T041305_20221221T041435_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_NOPR_2_20221221T042656_20221221T043422_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_NOPR_2_20221221T043558_20221221T043710_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_NOPR_2_20221221T050204_20221221T050618_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_NOPR_2_20221221T051656_20221221T051840_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_NOPR_2_20221221T055213_20221221T055229_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_NOPR_2_20221221T055253_20221221T055302_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_NOPR_2_20221221T062628_20221221T062652_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |

| COUNT DRIVEN DE ACTUATITANDO DESTINATO DEL DO COUNTRIES PARA DE CO | CS_OFFL_SIR_NOPR_2_20221221T063950_20221221T064616_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 |
|--|---|--|---|
| DOOR Secretary (1997) CR. OFF. SIR NOPS 2 (202121119006, 202121119000, 2021 CR. OFF. SIR NOPS 2 (202121119006, 202121119000, 202121119000, 202121119000, 202121119000, 2021221 | CS_OFFL_SIR_NOPR_2_20221221T081758_20221221T081921_C001 | • | |
| DOCAL BROWNER CARRY SERVICES AND CONTROL BROWNER CA | CS_OFFL_SIR_NOPR_2_20221221T085140_20221221T085927_C001 | - | |
| 9.0 OFFL. SIRL NOFFL. 2.2222 (2217182565_202222217192328_2001) 20.0 OFFL. SIRL NOFFL. 2.2222 (2217182565_202222217192328_2001) 20.0 OFFL. SIRL NOFFL. 2.2222 (2217182565_20222221719238_2001) 20.0 OFFL. SIRL NOFFL. 2.2222 (2217182565_20222221719238_2001) 20.0 OFFL. SIRL NOFFL. 2.2222 (2217182565_20222221719238_2001) 20.0 OFFL. SIRL NOFFL. 2.2222 (2217182565_202222271719238_2001) 20.0 OFFL. SIRL NOFFL. 2.2222 (2217182565_20222271719238_2001) 20.0 OFFL. SIRL NOFFL. 2.2222 (2217182565_20222271719333_2001) 20.0 OFFL. SIRL NOFFL. 2.2222 (2217182565_202222271719333_2001) 20.0 OFFL. SIRL NOFFL. 2.2222 (2217182565_2022222717193 | CS_OFFL_SIR_NOPR_2_20221221T085958_20221221T090029_C001 | | |
| CS. OFFL SIR NOPR 2 20021221112816 2021221112829 CDD CS. OFFL SIR NOPR 2 20021221112816 202122112829 CDD CS. OFFL SIR NOPR 2 20021221112816 CDD CS. OFFL SIR NOPR 2 20021221112816 CDD CS. OFFL SIR NOPR 2 20021221112816 CDD CS. OFFL SIR NOPR 2 20021221112829 CDD CS. OFFL SIR | CS_OFFL_SIR_NOPR_2_20221221T091445_20221221T092052_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| C9_OFFL_SIR_VOPP_2_2022 221T105510_2025 222T102550_C025 1000 2000 All instent Rings and Subscitute County Flight. Since Your Management County Flight. Count | CS_OFFL_SIR_NOPR_2_20221221T105455_20221221T105551_C001 | | |
| Oct. PELL SIR, NOPR 2, 20211211112902, 2021 2211112902, 2021 Oct. OFFL, SIR, NOPR 2, 20211221112902, 2022 2211129112, 2001 Oct. OFFL, SIR, NOPR 2, 20211221112902, 2022 2211129112, 2001 Oct. Offl, SIR, NOPR 2, 202211221112902, 2022 2211129112, 2001 Oct. Offl, SIR, NOPR 2, 202211221112902, 2022 2211129112, 2001 Oct. Offl, SIR, NOPR 2, 202211221112902, 2022 221112902, 2001 Oct. Offl, SIR, NOPR 2, 202211221112902, 2002 Oct. Offl, SIR, NOPR 2, 202211221112902, 2001 Oct. Offl, SIR, NOPR 2, 202211221112903, 2002 Oct. Offl, SIR, NOPR 2, 202211221112900, 2001 Oct. Offl, SIR, NOPR 2 | CS_OFFL_SIR_NOPR_2_20221221T105616_20221221T110029_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_NOPR_2_80221221T128032_20221221T124112_0001 CS. OFFL_SIR_NOPR_2_80221221T128032_2022122TT124112_0001 CS. OFFL_SIR_NOPR_2_80221221T128032_2022122TT124112_0001 CS. OFFL_SIR_NOPR_2_80221221T128032_2022122TT124112_0001 CS. OFFL_SIR_NOPR_2_8022122TT138032_2022122TT124112_0001 CS. OFFL_SIR_NOPR_2_8022122TT138032_2022122TT124112_0001 CS. OFFL_SIR_NOPR_2_8022122TT138032_2022122TT124042_0001 CS. OFFL_SIR_NOPR_2_8022122TT138032_2022122TT124042_0001 CS. OFFL_SIR_NOPR_2_8022122TT138032_2022122TT128032_0001 CS. OFFL_SIR_NOPR_2_8022122TT138032_202212TT148031_0001 CS. OFFL_SIR_NOPR_2_8022122TT148031_2022122TT148031_0001 CS. OFFL_SIR_NOPR_2_8022122TT148031_2022122TT148031_0001 CS. OFFL_SIR_NOPR_2_8022122TT148031_2022122TT148033_0001 CS. OFFL_SIR_NOPR_2_8022122TT148032_202212TT148033_0001 CS. OFFL_SIR_NOPR_2_8022122TT158033_0001 CS. OFFL_SIR_NOPR_2_8022122TT158032_202212TT148033_0001 CS. OFFL_SIR_NOPR_2_8022122TT158032_202312TT168032_0001 CS. OFFL_SIR_NOPR_2_8022122TT158032_202312TT168032_0001 CS. OFFL_SIR_NOPR_2_8022122TT158032_202312TT168032_0001 CS. OFFL_SIR_NOPR_2_8022122TT158032_202312TT168032_0001 CS. OFFL_SIR_NOPR_2_8022122TT158032_2023122TT168032_0001 CS. OFFL_SIR_NOPR_2_8022122TT158032_2023122TT168032_0001 CS. OFFL_SIR_NOPR_2_8022122TT158032_2023122TT168032_0001 CS. OFFL_SIR_NOPR_2_8022122TT158032_2023122TT178040_0001 CS. OFFL_SIR_NOPR_2_8022122TT178047_2022122TT178040_0001 CS. OFFL_SIR_NOPR_2_8022122TT178047_2022122TT178040_0001 CS. OFFL_SIR_NOPR_2_8022122TT178040_0001 CS. OFFL_SIR_NOPR_2_8022122TT178040_00001 CS. OFFL_SIR_NOPR_2_8022122TT180403_2002122TT178040_0001 CS. OFFL_SIR_NOPR_2_8022122TT180403_2002122TT178040_0001 CS. OFFL_SIR_NOPR_2_8022122TT180403_2002122TT178040_0001 CS. OFFL_SIR_NOPR_2_8022122TT180403_200212T | CS_OFFL_SIR_NOPR_2_20221221T122504_20221221T122552_C001 | | |
| Secretarior Coality PLRM OCCO Application Coality PLRM OCCO Application Coality Plant Plant Coality Pl | CS_OFFL_SIR_NOPR_2_20221221T123040_20221221T123308_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| DS_OFFL_SIR_NOPR_2_20221221T149195_2022122*T194521_C001 SOFFL_SIR_NOPR_2_20221221T149195_2022122*T194521_C001 CS_OFFL_SIR_NOPR_2_20221221T149195_2022122*T194521_C001 CS_OFFL_SIR_NOPR_2_20221221T149727_20221221T149336_C001 CS_OFFL_SIR_NOPR_2_20221221T149727_20221221T14938_C001 CS_OFFL_SIR_NOPR_2_20221221T149727_20221221T14938_C001 CS_OFFL_SIR_NOPR_2_20221221T149727_20221221T14938_C001 CS_OFFL_SIR_NOPR_2_20221221T149727_20221221T14938_C001 CS_OFFL_SIR_NOPR_2_20221221T149727_20221221T14938_C001 CS_OFFL_SIR_NOPR_2_20221221T149727_20221221T15533_C001 CS_OFFL_SIR_NOPR_2_20221221T149727_20221221T15533_C001 CS_OFFL_SIR_NOPR_2_20221221T159555_20221221T15533_C001 CS_OFFL_SIR_NOPR_2_20221221T169555_20221221T15533_C001 CS_OFFL_SIR_NOPR_2_20221221T173949_20221221T15533_C001 CS_OFFL_SIR_NOPR_2_20221221T173949_20221221T169457_C001 CS_OFFL_SIR_NOPR_2_20221221T173949_2022122T175946_C001 CS_OFFL_SIR_NOPR_2_20221221T173949_2022122T175946_C001 CS_OFFL_SIR_NOPR_2_2022122T173949_2022122T175946_C001 CS_OFFL_SIR_NOPR_2_2022122T173949_2022122T175946_C001 CS_OFFL_SIR_NOPR_2_2022122T173949_2022122T176960_C001 CS_OFFL_SIR_NOPR_2_2022122T173949_2022122T176960_C001 CS_OFFL_SIR_NOPR_2_2022122T173949_2022122T176960_C001 CS_OFFL_SIR_NOPR_2_2022122T173949_2022122T176960_C001 CS_OFFL_SIR_NOPR_2_2022122T173949_2022122T176960_C001 CS_OFFL_SIR_NOPR_2_2022122T173949_2022122T176900_C001 CS_OFFL_SIR_NOPR_2_2022122T173949_2022122T176900_C001 CS_OFFL_SIR_NOPR_2_2022122T17998_2022122T176900_C001 CS_OFFL_SIR_NOPR_2_2022122T17998_2022122T179900_C001 CS_OFFL_SIR_NOPR_2_2022122T179998_2022122T179900_C001 CS_OFFL_SIR_NOPR_2_2022122T179998_2022122T179900_C001 CS_OFFL_SIR_NOPR_2_2022122T179998_2022122T179900_C001 CS_OFFL_SIR_NOPR_2_2022122T179998_2022122T179900_C001 CS_OFFL_SIR_NOPR_2_2022122T179998_2022122T179900_C001 CS_OFFL_SIR_NOPR_2_2022122T179998_2022122T179000_C001 CS_OFFL_SIR_NOPR_2_2022122T179998_2022122T179000_C001 CS_OFFL_SIR_NOPR_2_2022122T179998_2022122T179000_C001 CS_OFFL_SIR_NOPR_2_2022122T179998_2022122T179000 | CS_OFFL_SIR_NOPR_2_20221221T123332_20221221T124112_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_NOPR_2_20221221T140727_20221221T140839_C001 CS_OFFL_SIR_NOPR_2_20221221T140727_20221221T140839_C001 CS_OFFL_SIR_NOPR_2_20221221T140727_20221221T140839_C001 CS_OFFL_SIR_NOPR_2_20221221T140727_20221221T140839_C001 CS_OFFL_SIR_NOPR_2_20221221T140727_20221221T140839_C001 CS_OFFL_SIR_NOPR_2_20221221T140727_20221221T140839_C001 CS_OFFL_SIR_NOPR_2_20221221T140839_C001 CS_OFFL_SIR_NOPR_2_20221221T165055_20221221T155333_C001 CS_OFFL_SIR_NOPR_2_20221221T165125_20221221T165457_C001 CS_OFFL_SIR_NOPR_2_20221221T173339_20221221T173539_C001 CS_OFFL_SIR_NOPR_2_20221221T173339_20221221T174116_C001 CS_OFFL_SIR_NOPR_2_20221221T173349_20221221T174116_C001 CS_OFFL_SIR_NOPR_2_20221221T174359_20221221T174001_C001 CS_OFFL_SIR_NOPR_2_20221221T174255_20221221T174001_C001 CS_OFFL_SIR_NOPR_2_20221221T185005_20201 CS_OFFL_SIR_NOPR_2_20221221T174050_C001 CS_OFFL_SIR_NOPR_2_20221221T174050_C001 CS_OFFL_SIR_NOPR_2_20221221T174050_C001 CS_OFFL_SIR_NOPR_2_20221221T174050_C001 CS_OFFL_SIR_NOPR_2_20221221T185005_20201 CS_OFFL_SIR_NOPR_2_20221221T185005_20201 CS_OFFL_SIR_NOPR_2_20221221T185005_20201 CS_OFFL_SIR_NOPR_2_20221221T185005_20201 CS_OFFL_SIR_NOPR_2_20221221T174050_C001 CS_OFFL_SIR_NOPR_2_20221221T174050_C001 CS_OFFL_SIR_NOPR_2_20221221T185005_20201 CS_OFFL_SI | CS_OFFL_SIR_NOPR_2_20221221T131935_20221221T132302_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_NOPR_2_20221221T140717_20221221T148939_C001 All Backscatter Quality FLRM, OCOG All Manuer Range and Backscatter Quality Flags have been all concern and the Committee Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20221221T165056_20221221T165333_C001 CS_OFFL_SIR_NOPR_2_20221221T165056_20221221T165333_C001 CS_OFFL_SIR_NOPR_2_20221221T165056_20221221T165333_C001 CS_OFFL_SIR_NOPR_2_20221221T165332_C001 CS_OFFL_SIR_NOPR_2_20221221T165332_C001 CS_OFFL_SIR_NOPR_2_20221221T172316_C001 CS_OFFL_SIR_NOPR_2_20221221T1823012_C001 CS_OFFL_SIR_NOPR_2_20221221T182302_C001 CS_OFFL_SIR_NOPR_2_20221221T182302_C001 CS_OFFL_SIR_NOPR_2_20221221T182302_C001 CS_OFFL_SIR_NOPR_2_20221221T182303_C001 CS_OFFL_SIR_NOPR_2_2 | CS_OFFL_SIR_NOPR_2_20221221T134016_20221221T134521_C001 | | |
| SO OFFL SIR NOPR 2 20221221T141414_20221221T16333 C001 and Backscatter Quality PLRM, OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags have been addressed to pullip PLRM, OCOG Allimeter Range and Backscatter Quality Flags have been addressed to pullip PLRM, OCOG Allimeter Range and Backscatter Quality Flags have been addressed to pullip PLRM, OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags have been addressed to pullip PLRM, OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags have been addressed to pullip PLRM, OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags and the OCOG Allimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20221221T182911_20221221T186002_C001 CS_OFFL_SIR_NOPR_2_20221221T184302_20221221T186002_C001 CS_OFFL_SIR_NOPR_2_20221221T184302_20221221T180025_C001 CS_OFFL_SIR_NOPR_2_20221221T184302_20221221T180025_C001 CS_OFFL_SIR_NOPR_2_20221221T184303_20221221T180025_C001 CS_OFFL_SIR_NOPR_2_20221221T190025_C001 CS_OFFL_SIR_NOPR_2_20221221T10622_20221221T18002 | CS_OFFL_SIR_NOPR_2_20221221T140727_20221221T140839_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, COS Altimeter Range and Backscatter Quality PLRM and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_NOPR_2_20221221T165125_20221221T165457_C001 Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COS Altimeter Range and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_C001 CS_OFFL_SIR_NOPR_2_20221221T201822_202 | CS_OFFL_SIR_NOPR_2_20221221T141414_20221221T142201_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 NOPR 2 20221221T165125 20221221T165457 CO01 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Plags nave been set for one or more records Cs OFFL SIR NOPR 2 20221221T172837 20221221T172916, CO01 Cs OFFL SIR NOPR 2 20221221T173349 20221221T174116 CO01 Cs OFFL SIR NOPR 2 20221221T173349 20221221T174116 CO01 Cs OFFL SIR NOPR 2 20221221T174258 20221221T174601, CO01 Cs OFFL SIR NOPR 2 20221221T182911 20221221T183605 CO01 Cs OFFL SIR NOPR 2 20221221T182911 20221221T185002 CO01 Cs OFFL SIR NOPR 2 20221221T185908 20221221T190025 CO01 Cs OFFL SIR NOPR 2 20221221T185908 20221221T190025 CO01 Cs OFFL SIR NOPR 2 20221221T10622 20221221T10622 20221221T204637 CO01 Cs OFFL SIR NOPR 2 20221221T204621 20221221T204637 CO01 Cs OFFL SIR NOPR 2 20221221T204421 2022122T10814 CO01 Cs OFFL SIR NOPR 2 20221221T204421 2022122T10814 CO01 Cs OFFL SIR NOPR 2 2022122T104622 2022122T108164 CO01 Cs OFFL SIR NOPR 2 2022122T104623 CO01 Cs OFFL SIR NOPR 2 2022122T104623 CO01 Cs OFFL SIR NOPR 2 2022122T104623 CO0 | CS_OFFL_SIR_NOPR_2_20221221T155055_20221221T155333_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_NOPR_2_20221221T172837_20221221T172916_CO01 Alimeter Range and Backscatter Quality FLRM, OCOG Alimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20221221T174258_20221221T174601_CO01 CS_OFFL_SIR_NOPR_2_20221221T182911_20221221T183605_CO01 CS_OFFL_SIR_NOPR_2_20221221T182911_20221221T183605_CO01 CS_OFFL_SIR_NOPR_2_20221221T182911_20221221T185002_CO01 CS_OFFL_SIR_NOPR_2_20221221T185908_20221221T190025_CO01 CS_OFFL_SIR_NOPR_2_20221221T185908_20221221T190025_CO01 CS_OFFL_SIR_NOPR_2_20221221T185908_20221221T190025_CO01 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_CO01 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_CO01 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_CO01 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_CO01 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T204637_CO01 CS_OFFL_SIR_NOPR_2_20221221T204421_20221221T204637_CO01 CS_OFFL_SIR_NOPR_2_20221221T204421_20221221T204637_CO01 CS_OFFL_SIR_NOPR_2_20221221T204421_20221221T204637_CO01 CS_OFFL_SIR_NOPR_2_20221221T204421_20221221T204637_CO01 CS_OFFL_SIR_NOPR_2_20221221T204421_20221221T204637_CO01 CS_OFFL_SIR_NOPR_2_20221221T204421_20221221T204637_CO01 CS_OFFL_SIR_NOPR_2_20221221T204421_20221221T204637_CO01 CS_OFFL_SIR_NOPR_2_20221221T204421_20221221T204637_CO01 CS_OFFL_SIR_NOPR_2_20221221T204421_20221221T204637_CO01 CCOOR Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_NOPR_2_20221221T165125_20221221T165457_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, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Backscatter 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 Plags have been set for one or more records CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM, OCOG Backscatter Q | CS_OFFL_SIR_NOPR_2_20221221T172837_20221221T172916_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCOG Backscatter Quality CS_OFFL_SIR_NOPR_2_20221221T182911_20221221T183605_C001 CS_OFFL_SIR_NOPR_2_20221221T184830_20221221T185002_C001 CS_OFFL_SIR_NOPR_2_20221221T184830_20221221T185002_C001 CS_OFFL_SIR_NOPR_2_20221221T184830_20221221T185002_C001 CS_OFFL_SIR_NOPR_2_20221221T184830_20221221T195002_C001 CS_OFFL_SIR_NOPR_2_20221221T185908_20221221T190025_C001 CS_OFFL_SIR_NOPR_2_20221221T185908_20221221T190025_C001 CS_OFFL_SIR_NOPR_2_20221221T185908_20221221T190025_C001 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_C001 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_C001 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_C001 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T204637_C001 CS_OFFL_SIR_NOPR_2_20221221T204421_20221221T204637_C001 CS_OFFL_SIR_NOPR_2_20221221T204637_C001 CS_OFFL_SIR_NOPR_2_20221221T204637_C001 CS_OFFL_SIR_NOPR_2_20221221T204637_C001 CS_OFFL_SIR_NOPR_2_20221221T204637_C001 CS_OFFL_SIR_NOPR_2_20221221T2046 | CS_OFFL_SIR_NOPR_2_20221221T173349_20221221T174116_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 PLRM. CS_OFFL_SIR_NOPR_2_20221221T184830_20221221T185002_C001 CS_OFFL_SIR_NOPR_2_20221221T185908_20221221T190025_C001 CS_OFFL_SIR_NOPR_2_20221221T185908_20221221T190025_C001 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_C001 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_C001 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T204637_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_NOPR_2_20221221T174258_20221221T174601_C001 | _ | |
| CS_OFFL_SIR_NOPR_2_20221221T184630_20221221T185002_C001 CS_OFFL_SIR_NOPR_2_20221221T185908_20221221T190025_C001 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_C001 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_C001 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T204637_C001 CS_OFFL_SIR_NOPR_2_20221221T204421_20221221T204637_C001 CS_OFFL_SIR_NOPR_2_20221221T204637_C001 CS_OFFL_SIR_NOPR_2_20221221T204637_C001 CS_OFFL_SIR_NOPR_2_20221221T204637_C001 CS_OFFL_SIR_NOPR_2_20221221T204637_C001 C | CS_OFFL_SIR_NOPR_2_20221221T182911_20221221T183605_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_NOPR_2_20221221T185908_20221221T190025_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_C001 CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T204637_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_NOPR_2_20221221T184830_20221221T185002_C001 | _ | |
| CS_OFFL_SIR_NOPR_2_202212211201622_202212211201614_C001 OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags | CS_OFFL_SIR_NOPR_2_20221221T185908_20221221T190025_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags | CS_OFFL_SIR_NOPR_2_20221221T201622_20221221T201814_C001 | | |
| I IND DECEMBER AND SHA SWEDTER DISTRICT DISTRICT FRANCES | CS_OFFL_SIR_NOPR_2_20221221T204421_20221221T204637_C001 | | |
| CS_OFFL_SIR_NOPR_2_20221221T205154_20221221T205853_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality set for one or more records | CS_OFFL_SIR_NOPR_2_20221221T205154_20221221T205853_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | 1 |
| CS_OFFL_SIR_NOPR_2_20221221T211236_20221221T211309_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_NOPR_2_20221221T211236_20221221T211309_C001 | • | |

| CS_OFFL_SIR_NOPR_2_20221221T211310_20221221T212026_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_NOPR_2_20221221T221631_20221221T221745_C001 | | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPR_2_20221221T223016_20221221T223531_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_NOPR_2_20221221T231505_20221221T231608_C001 | Tand Backscatter Unality PLRIVE U.C.O. | 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_NOPR_2_20221221T232729_20221221T232932_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 |

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: 174

5.7 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 falling at ocean/ land boundaries, but this is expected.

Number of products with errors: 59

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 NOPR and NOPN products over sea ice, but this is to be expected.

Number of products with errors: 129

7. NOP 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_NOPM1B | 168 | 168 | 1 | 167 | 0 |
| SIR_NOPR1B | 107 | 107 | 0 | 107 | 0 |
| SIR_NOPN1B | 100 | 100 | 1 | 99 | 0 |
| SIR_NOPM_2 | 168 | 168 | 119 | 49 | 0 |
| SIR_NOPR_2 | 107 | 107 | 39 | 67 | 1 |
| SIR_NOPN_2 | 100 | 100 | 43 | 57 | 0 |

7.1 QCC Errors

Number of QCC reports with errors:

RL

Product Type RLOBOPNCDF

4

RLOBOPNCDF

RL

Total number of occurrences of each error

| Abbroviation | Tost name | | D | otaile | | | | | |
|------------------------------|-----------|---|----------|--------|--|--|---|---|--|
| Test Description Key: | | | | | | | | | |
| | | | | • | | | l | ı | |
| SIR_NOPR_2 | 1 | 1 | 1 | 1 | | | | | |

| Test Description Key: | | |
|-----------------------|---------------------------------|---|
| Abbreviation | Test name | Details |
| RLOBOPNCDF | RangeLatitudeOrBlankOP_7NetCDF | Latitude should be between -90E7 and 90E7 - NetCDF |
| RL | RangeLatitude_7 | Latitude should be between -90E7 and 90E7 |
| RLOBOPNCDF | RangeLongitudeOrBlankOP_7NetCDF | Longitude should be between -180E7 and 180E7 - NetCDF |

7.2 QCC Warnings

Number of QCC reports with warnings

1639

Total number of occurrences of each warning

| Total number of occurrences of each warning | | | | | | | | | |
|---|----------|----------|--------------|------------|----------|-----------------|--------------------|--|--|
| Product Type | BCSHNCDF | IOHHMOOR | MVIOEPFDNCDF | MVIOEPNCDF | MVIONCDF | RBSZOPOEPFDNCDF | RBSZOPOEPFDPLRMNCD | | |
| SIR_NOPM1B | 167 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| SIR_NOPM_2 | 0 | 0 | 34 | 37 | 0 | 35 | 0 | | |
| SIR_NOPN1B | 99 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| SIR_NOPN_2 | 0 | 0 | 5 | 37 | 4 | 22 | 18 | | |
| SIR_NOPR1B | 105 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| SIR_NOPR_2 | 0 | 1 | 31 | 43 | 0 | 18 | 22 | | |

| Product Type | RBSZOPOEPNCDF | RPEPOPFDLRMNCDF | RPEPOPFDPLRMSARNC | RPEPOPFDPLRMSINNCD | RPEPOPFDSARNCDF | RPEPOPFDSINNCDF | RPEPOPLRMNCDF |
|--------------|---------------|-----------------|-------------------|--------------------|-----------------|-----------------|---------------|
| SIR_NOPM1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPM_2 | 33 | 27 | 0 | 0 | 0 | 0 | 19 |
| SIR_NOPN1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPN_2 | 16 | 0 | 0 | 29 | 0 | 35 | 0 |
| SIR_NOPR1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPR_2 | 10 | 0 | 45 | 0 | 50 | 0 | 0 |

| Product Type | RPEPOPSARNCDF | RPEPOPSINNCDF | RSSBCONCDF | RSSHAOFDNCDF | RSSHAOFDPLRMNCDF | RSSHAONCDF | RSWHOEPFDNCDF |
|--------------|---------------|---------------|------------|--------------|------------------|------------|---------------|
| SIR_NOPM1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPM_2 | 0 | 0 | 5 | 28 | 0 | 8 | 35 |
| SIR_NOPN1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPN_2 | 0 | 33 | 14 | 40 | 52 | 28 | 27 |
| SIR_NOPR1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPR_2 | 42 | 0 | 3 | 53 | 39 | 8 | 35 |

| Product Type | RSWHOEPFDPLRMNCDF | RSWHOEPNCDF | SPHRTASCNSNCDF | SOOHHIFHD | SCSTODHRNCDF | SCSTODNCDF | - |
|--------------|-------------------|-------------|----------------|-----------|--------------|------------|---|
| SIR_NOPM1B | 0 | 0 | 1 | 0 | 0 | 0 | |
| SIR_NOPM_2 | 0 | 4 | 1 | 0 | 0 | 0 | |
| SIR_NOPN1B | 0 | 0 | 0 | 0 | 47 | 0 | |
| SIR_NOPN_2 | 31 | 9 | 0 | 1 | 0 | 0 | |
| SIR_NOPR1B | 0 | 0 | 0 | 0 | 107 | 2 | |
| SIR_NOPR_2 | 43 | 0 | 0 | 1 | 0 | 0 | |

| Test 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 |
| INCDF | 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_Start_v2_NetCDF | Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1) |
| 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: