

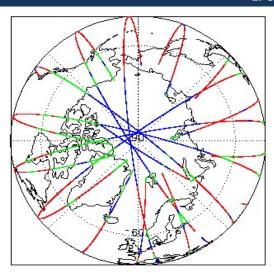
1. Overview

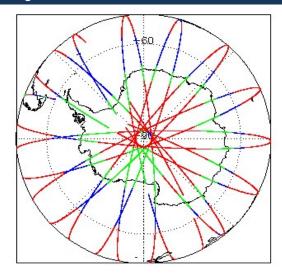
| Report Production: | 01-Sep-2022 | |
|--------------------|--|--|
| Processor Used: | CryoSat Ocean Processor | |
| Data Used: | Near Real Time Ocean Products (NOP) L1B & L2 Science Data | |

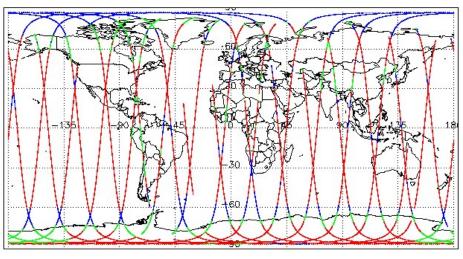
| Check | L1 & L2 |
|---|------------------------------|
| Server check: science-pds.cryosat.esa.int | Nominal |
| Server check: calval-pds.cryosat.esa.int | Nominal |
| Product Software Check | Nominal |
| Product Format Check | Nominal |
| Product Header Analysis | Nominal |
| Auxiliary Data File Usage 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, 7.2 |

| Mission / Instrument News | | |
|---------------------------|-----------------|--|
| 30-Aug-2022 | None | |
| 31-Aug-2022 | None | |
| 01-Sep-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

4.2 L1B Product Header Analysis

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

> L1B Processing Quality HR: The I1b_proc_flag_hr flag is currently set all L1B NOPR and NOPN products because the I1b_processing_quality_hr field is not correctly configured in the OSAR and O

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:

| Product | Test Failed | Description |
|---|---------------------|--|
| CS_OFFL_SIR_NOPM1B_20220831T034636_20220831T041949_C001 | Power scaling error | There is an error in the scaling of the L1B waveform for one or more records |

4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

| Product | Test Failed | Description |
|---|--------------|--|
| CS_OFFL_SIR_NOPM1B_20220831T013513_20220831T013603_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPM1B_20220831T044537_20220831T050932_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPM1B_20220831T105133_20220831T110020_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPM1B_20220831T144341_20220831T144851_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220831T010638_20220831T010832_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220831T020926_20220831T020952_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220831T024244_20220831T024714_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220831T055706_20220831T060231_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220831T080221_20220831T080245_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220831T124624_20220831T124744_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220831T191824_20220831T191919_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220831T205219_20220831T205332_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220831T214518_20220831T214934_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220831T223302_20220831T223349_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220831T223444_20220831T223640_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20220831T024714_20220831T025430_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20220831T042538_20220831T043426_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20220831T060231_20220831T061009_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20220831T135637_20220831T135816_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:

0

5.4 L2 Auxiliary Correction Error Check

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

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

- > ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric Correction, Wet Tropospheric Correction, Inverse Barometric Correction and the U-Wind and V-Wind components of the ECMWF model wind vector. This is a known anomaly (CRYO-COP-3) and will be resolved in a future IPF update.
- > 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:

| Product | Test Failed | Description |
|---|---|--|
| CS_OFFL_SIR_NOPM_2_20220831T013006_20220831T013508_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPM_2_20220831T131510_20220831T132532_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) | There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records |
| CS_OFFL_SIR_NOPM_2_20220831T155630_20220831T155731_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_20220831T001325_20220831T001506_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_20220831T002244_20220831T002435_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_20220831T010638_20220831T010832_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) | There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records |
| CS_OFFL_SIR_NOPN_2_20220831T024244_20220831T024714_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_20220831T033149_20220831T033437_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_20220831T042152_20220831T042537_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_20220831T083737_20220831T084044_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_20220831T101038_20220831T101330_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_20220831T101638_20220831T101922_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_20220831T124624_20220831T124744_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_20220831T132652_20220831T133154_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_20220831T142057_20220831T142148_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_20220831T142556_20220831T142806_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_20220831T150842_20220831T151021_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_20220831T151907_20220831T152117_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_20220831T160510_20220831T160956_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_20220831T182755_20220831T183149_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_20220831T191824_20220831T191919_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_20220831T200743_20220831T201056_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_20220831T205219_20220831T205332_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_20220831T214518_20220831T214934_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_20220831T215513_20220831T215636_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_20220831T010832_20220831T011605_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_20220831T024714_20220831T025430_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) | There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records |
|---|--|--|
| CS_OFFL_SIR_NOPR_2_20220831T042538_20220831T043426_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_20220831T060231_20220831T061009_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_20220831T174007_20220831T174539_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_20220831T190836_20220831T191007_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_20220831T191919_20220831T192710_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_20220831T205039_20220831T205219_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_20220831T205750_20220831T210620_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_20220831T034636_20220831T041949_C001 | Power scaling error | There is an error in the scaling of the L2 waveform for one or more records |

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20 Hz)

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

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

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

Number of products with errors:

| Product | Test Failed | Description |
|---|--|---|
| CS_OFFL_SIR_NOPM_2_20220830T235737_20220831T001239_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_20220831T001506_20220831T002024_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_20220831T002043_20220831T002244_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_20220831T003114_20220831T004401_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_20220831T004615_20220831T010428_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_20220831T012536_20220831T013004_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_20220831T013006_20220831T013508_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_20220831T013513_20220831T013603_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_20220831T013743_20220831T015135_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_20220831T015432_20220831T015936_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_20220831T020001_20220831T020116_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_20220831T021747_20220831T021952_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 |

| | I | ı |
|---|--|---|
| CS_OFFL_SIR_NOPM_2_20220831T022529_20220831T022953_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_20220831T023116_20220831T023827_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_20220831T023949_20220831T024202_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_20220831T031420_20220831T033019_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_20220831T033438_20220831T033854_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_20220831T034636_20220831T041949_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_20220831T044537_20220831T050932_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_20220831T051246_20220831T051809_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_20220831T051815_20220831T052140_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_20220831T052522_20220831T055214_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_20220831T055249_20220831T055706_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_20220831T061125_20220831T061146_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_20220831T061318_20220831T061946_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_20220831T062037_20220831T062127_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_20220831T062229_20220831T062234_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_20220831T062237_20220831T064357_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_20220831T064429_20220831T064851_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_20220831T065240_20220831T070048_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_20220831T070558_20220831T073815_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_20220831T075005_20220831T075227_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_20220831T082150_20220831T082636_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_20220831T083219_20220831T083737_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_20220831T084442_20220831T090547_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_20220831T090833_20220831T092006_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_20220831T092931_20220831T093407_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_20220831T094957_20220831T095441_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 |
| | | |

| | Ocean Altimeter Range, SSHA, SWH | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags |
|---|--|---|
| CS_OFFL_SIR_NOPM_2_20220831T095629_20220831T100638_C001 | and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_20220831T101330_20220831T101638_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_20220831T102402_20220831T102834_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_20220831T102838_20220831T105002_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_20220831T105133_20220831T110020_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_20220831T111256_20220831T111955_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_20220831T112013_20220831T114417_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_20220831T115352_20220831T115545_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_20220831T120320_20220831T120755_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_20220831T120849_20220831T122008_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_20220831T122148_20220831T123006_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_20220831T124744_20220831T125154_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_20220831T125309_20220831T130655_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_20220831T131510_20220831T132532_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_20220831T133236_20220831T133502_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_20220831T133530_20220831T133954_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_20220831T134243_20220831T135637_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_20220831T135816_20220831T141303_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_20220831T143831_20220831T144218_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_20220831T144341_20220831T144851_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_20220831T145045_20220831T150621_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_20220831T151021_20220831T151907_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_20220831T152226_20220831T154344_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_20220831T155117_20220831T155132_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_20220831T161218_20220831T162259_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_20220831T162301_20220831T164559_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_20220831T165233_20220831T165700_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_20220831T170158_20220831T172529_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_20220831T175421_20220831T175653_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_20220831T175819_20220831T182405_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_20220831T183149_20220831T183739_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_20220831T184056_20220831T185420_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_20220831T190036_20220831T190546_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_20220831T191644_20220831T191814_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_20220831T193009_20220831T200336_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_20220831T201056_20220831T201611_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_20220831T202253_20220831T202549_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_20220831T205333_20220831T205750_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_20220831T210621_20220831T211859_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_20220831T212145_20220831T214253_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_20220831T214935_20220831T215058_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_20220831T215105_20220831T215513_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_20220831T220021_20220831T221019_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_20220831T221207_20220831T221924_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_20220831T222010_20220831T222440_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_20220831T223349_20220831T223405_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_20220831T224647_20220831T232151_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_20220831T232435_20220831T232957_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_20220831T234059_20220831T235328_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_20220831T235339_20220901T001110_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_20220831T061147_20220831T061318_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_20220831T073815_20220831T073948_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_20220831T015136_20220831T015245_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_20220831T020808_20220831T020831_C001 | | 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_20220831T031217_20220831T031420_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_20220831T060231_20220831T061009_C001 | and Backscatter Quality, OCOG Altimeter | 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_20220831T102015_20220831T102401_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_20220831T114417_20220831T115117_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_20220831T204632_20220831T204828_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_20220831T214253_20220831T214517_C001 | | 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:

86

| Product | Test Failed | Description |
|---|---|---|
| CS_OFFL_SIR_NOPN_2_20220831T002244_20220831T002435_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_20220831T012200_20220831T012536_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_20220831T015246_20220831T015432_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_20220831T021952_20220831T022529_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_20220831T022953_20220831T023116_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_20220831T024244_20220831T024714_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_20220831T030342_20220831T030642_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_20220831T033149_20220831T033437_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_20220831T034059_20220831T034404_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_20220831T041952_20220831T042111_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_20220831T042152_20220831T042537_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_20220831T043533_20220831T043655_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_20220831T044131_20220831T044537_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_20220831T051131_20220831T051245_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_20220831T052140_20220831T052258_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |

| COPTLIGHT_NORMTOZORONTHORNCONTROLLED_CO | CS_OFFL_SIR_NOPN_2_20220831T055706_20220831T060231_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
|--|---|---|--|
| CB_CPFL_SFL_NCPFL_2_02220817104115_20228317104156_0201 CB_CPFL_SFL_NCPFL_2_02220817104115_20228317104156_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_20228317104105_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_20228317104105_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_20228317104105_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_202228317104220_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_202228317104220_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_202228317104220_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_202228317104220_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_202228317104220_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_202228317104220_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_202228317104220_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_202228317104220_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_202228317104220_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_20228317104220_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_20228317104200_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_20228317104200_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_20228317104200_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_20228317104200_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_20228317104200_0201 CB_CPFL_SFL_NCPFL_2_02220817104105_20228317104200_0201 CB_CPFL_SFL_NCPFL_2_0 | CS_OFFL_SIR_NOPN_2_20220831T061147_20220831T061318_C001 | | |
| CB_OFFL_SR_NOPN_2_2022931T109767_2222931T109707_22222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_22222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_22222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_22222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_22222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_2222931T109707_22222931T109707_2222931T109707_22229331T109707_22229 | CS_OFFL_SIR_NOPN_2_20220831T073815_20220831T073948_C001 | | |
| ord Distriction Duslay PLPA, CODD and Dusl | CS_OFFL_SIR_NOPN_2_20220831T081115_20220831T081136_C001 | | |
| CS OFFL SR NOPN 2 20220931119249 20220931119259 CODE Sedecater Castley PLRA. CS OFFL SR NOPN 2 20220931119249 20220931119259 CODE SEDECATER CASTLEY C | CS_OFFL_SIR_NOPN_2_20220831T083737_20220831T084044_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFF_SIR_NOPN_2_9220931T19376_2022831T19392_001 CS_OFF_SIR_NOPN_2_9220931T19376_2022831T19376_001 CS_OFF_SIR_NOPN_2_9220931T19376_2022831T19376_001 CS_OFF_SIR_NOPN_2_9220931T19376_2022831T19376_001 CS_OFF_SIR_NOPN_2_9220931T19376_001 CS_OFF_SI | CS_OFFL_SIR_NOPN_2_20220831T093920_20220831T093929_C001 | | |
| EB_GRFL_SRR_NOPN_2_7022881T110789_2022881T110780_C001 CB_GRFL_SRR_NOPN_2_7022881T110784_2022881T110780_C001 CB_GRFL_SRR_NOPN_2_7022881T110784_2022881T110782_C001 CB_GRFL_SRR_NOPN_2_7022881T110784_2022881T110782_C001 CB_GRFL_SRR_NOPN_2_7022881T110784_2022881T110782_C001 CB_GRFL_SRR_NOPN_2_7022881T110786_2022881T110782_C001 CB_GRFL_SRR_NOPN_2_7022881T110786_2022881T110782_C001 CB_GRFL_SRR_NOPN_2_7022881T110786_2022881T110786_C001 CB_GRFL_SRR_NOPN_2_7022881T110786_2022881T110786_C001 CB_GRFL_SRR_NOPN_2_7022881T110786_2022881T110786_C001 CB_GRFL_SRR_NOPN_2_7022881T110786_2022881T110786_C001 CB_GRFL_SRR_NOPN_2_7022881T110786_2022881T110786_C001 CB_GRFL_SRR_NOPN_2_70228881T110786_2022881T110786_C001 CB_GRFL_SRR_NOPN_2_70228881T110786_2022881T110786_C001 CB_GRFL_SRR_NOPN_2_70228881T110786_2022881T110786_C001 CB_GRFL_SRR_NOPN_2_70228881T110786_2022881T110786_C001 CB_GRFL_SRR_NOPN_2_70228881T110786_2022881T110786_C001 CB_GRFL_SRR_NOPN_2_70228881T110786_2022881T110786_C001 CB_GRFL_SRR_NOPN_2_70228881T110786_2022881T110786_C001 CB_GRFL_SRR_NOPN_2_70228881T110786_2022881T110786_C001 CB_GRFL_SRR_NOPN_2_70228881T110786_C001 CB_GRFL_SRR_NOPN_2_70228881T110786_C | CS_OFFL_SIR_NOPN_2_20220831T094625_20220831T094957_C001 | | |
| Depth (1997) 1. 100 (1997) 1. | CS_OFFL_SIR_NOPN_2_20220831T110749_20220831T110823_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCCS Balacacater Guality CG_OFFL_SIR_NOPN_2_20220831T123154_2001 OCCS Balacacater Guality CG_OFFL_SIR_NOPN_2_20220831T123154_2001 OCCS Allimeter Range Cuality PLRM. COCS Balacacater Guality CG_OFFL_SIR_NOPN_2_20220831T123154_2001 OCCS Allimeter Range Cuality PLRM. COCS Balacacater Guality OCCS Allimeter Range and Backscatter Quality Flags have been set for one or more necroids. The OCCS Range and Backscatter Quality Flags have been set for one or more necroids. OCCS Allimeter Range Sulls, SWH and Backscatter Quality Flags have been set for one or more necroids. OCCS Allimeter Range and Backscatter Quality Flags have been set for one or more necroids. OCCS Allimeter Range and Backscatter Quality Flags have been set for one or more necroids. OCCS Allimeter Range and Backscatter Quality Flags have been set for one or more necroids. OCCS Allimeter Range and Backscatter Quality Flags have been set for one or more necroids. OCCS Allimeter Range and Backscatter Quality Flags have been set for one or more necroids. OCCS Allimeter Range and Backscatter Quality Flags have been set for one or more necroids. OCCS Allimeter Range and Backscatter Quality Flags have been set for one or more records. OCCS Allimeter Range and Backscatter Quality Flags have been set for one or more records. OCCS Allimeter Range and Backscatter Quality Flags have been set for one or more records. OCCS Allimeter Range and Backscatter Quality Flags have been set for one or more records. OCCS Allimeter Range and Backscatter Quality Flags have been set for one or more records. OCCS Allimeter Range and Backscatter Quality Flags have been set for one or more records. OCCS Allimeter Range Guality FLRM. OCCS Backscatter Quality Flags. OCCS Backscatte | CS_OFFL_SIR_NOPN_2_20220831T110904_20220831T111005_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCOG Backscatter Cuality CS_OFFL_SIR_NOPN_2_20220831T123186_2022083T1123724_C001 CS_OFFL_SIR_NOPN_2_20220831T123786_2022083T1123724_C001 CS_OFFL_SIR_NOPN_2_20220831T132652_2022083T133154_C001 CS_OFFL_SIR_NOPN_2_20220831T132652_2022083T133154_C001 CS_OFFL_SIR_NOPN_2_20220831T132652_2022083T133154_C001 CS_OFFL_SIR_NOPN_2_20220831T132652_2022083T133154_C001 CS_OFFL_SIR_NOPN_2_2022083T132652_2022083T133154_C001 CS_OFFL_SIR_NOPN_2_2022083T132652_2022083T133154_C001 CS_OFFL_SIR_NOPN_2_2022083T132652_2022083T133154_C001 CS_OFFL_SIR_NOPN_2_2022083T132652_2022083T13260_C001 CS_OFFL_SIR_NOPN_2_2022083T132652_2022083T133154_C001 CS_OFFL_SIR_NOPN_2_2022083T132652_2022083T13260_C001 CS_OFFL_SIR_NOPN_2_2022083T132652_2022083T13260_C001 CS_OFFL_SIR_NOPN_2_2022083T132652_2022083T13260_C001 CS_OFFL_SIR_NOPN_2_2022083T132652_2022083T13260_C001 CS_OFFL_SIR_NOPN_2_2022083T132652_2022083T13260_C001 CS_OFFL_SIR_NOPN_2_2022083T132652_2022083T13260_C001 CS_OFFL_SIR_NOPN_2_2022083T132652_2022083T13260_C001 CS_OFFL_SIR_NOPN_2_2022083T132652_2022083T13260_C001 CS_OFFL_SIR_NOPN_2_2022083T13260_C001 CCC_OFFL_SIR_NOPN_2_2022083T13260_C001 CCC_OFFL_SIR_NOPN_2_2022083T13260_C001 | CS_OFFL_SIR_NOPN_2_20220831T111212_20220831T111238_C001 | | |
| OCO GARCHERT Quality Flags and Backscatter Quality Flags and the COCO Alterneter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality Flags and the COCO Alterneter Range, SSHA, SWH and Backscatter Quality Flags and the COCO Alterneter Range and Backscatter Quality Flags and the COCO Alterneter Range and Backscatter Quality Flags and the COCO Garden Range and Backscatter Quality Flags and the COCO Garden Range and Backscatter Quality Flags and the COCO Garden Range and Backscatter Quality Flags and the COCO Garden Range and Backscatter Quality Flags and the COCO Garden Range and Backscatter Quality Flags and the COCO Garden Range and Backscatter Quality Flags and the COCO Garden Range and Backscatter Quality Flags and the COCO Garden Range and Backscatter Quality Flags and the COCO Garden Range and Backscatter Quality Flags and the COCO Garden Range and Backscatter Quality Flags and the COCO Garden Range and Backscatter Quality Flags and the COCO Garden Range and Backscatter Quality Flags and the COCO Garden Range Range SSHA, SWH and Backscatter Quality Flags and the COCO Range and Backscatter Quality Flags have been set for one or more records The Cocor Range and Backscatter Quality Flags and the COCO Range and Backscatter Quality Flags have been set for one or more records The Cocor Range and Backscatter Quality Flags have been set for one or more records CS OFFL SIR NOPN 2 20220831T144218 20220831T14597 (2001 CS OFFL SIR NOPN 2 20220831T144218 20220831T14594 (2001) CS OFFL SIR NOPN 2 20220831T144218 20220831T14595 (2001) CS OFFL SIR NOPN 2 20220831T16970 (20020831T16970 (2001) CS OFFL SIR NOPN 2 20220831T16970 (20020831T1 | CS_OFFL_SIR_NOPN_2_20220831T115545_20220831T115822_C001 | | |
| CS_OFFL_SIR_NOPN_2_20220831T13652_20220831T1424744_0001 Almader Range and Backcaster Quality PLRM. COG Allmeter Range Guality PLRM. COG Allmeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220831T142914_20220831T143507_C001 CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T144504_C001 CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T145045_C001 CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T145045_C001 CS_OFFL_SIR_NOPN_2_20220831T15907_20220831T15903_C001 CS_OFFL_SIR_NOPN_2_20220831T15907_20220831T159503_C001 CS_OFFL_SIR_NOPN_2_20220831T15907_20220831T169503_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T16906_C001 CCG Allmeter Range and Backscatter Quality PLRM. COG Backscatter Quality PLRM. COG Gange and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T16503_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T16503_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T16503_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T16503_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_ | CS_OFFL_SIR_NOPN_2_20220831T123136_20220831T123324_C001 | | |
| Ocean Allimeter Range (SHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220831T143345_20220831T14340_C001 CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T144340_C001 CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T145045_C001 CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T145045_C001 CS_OFFL_SIR_NOPN_2_20220831T146952_20220831T150405_C001 CS_OFFL_SIR_NOPN_2_20220831T160507_20220831T150509_C001 CS_OFFL_SIR_NOPN_2_20220831T160507_20220831T160596_C001 CS_OFFL_SIR_NOPN_2_20220831T160507_20220831T160596_C001 CS_OFFL_SIR_NOPN_2_20220831T160507_20220831T160596_C001 CCOG Allimeter Range Quality PLRM. CCOG Backscatter Quality PLRM. CCC | CS_OFFL_SIR_NOPN_2_20220831T124624_20220831T124744_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 FLRM. COCG Allimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220831T142566_20220831T142806_C001 CS_OFFL_SIR_NOPN_2_20220831T142914_20220831T142806_C001 CS_OFFL_SIR_NOPN_2_20220831T142914_20220831T143143_C001 CS_OFFL_SIR_NOPN_2_20220831T142914_20220831T143143_C001 CS_OFFL_SIR_NOPN_2_20220831T142914_20220831T143507_C001 CS_OFFL_SIR_NOPN_2_20220831T14345_20220831T143507_C001 CS_OFFL_SIR_NOPN_2_20220831T14345_20220831T143507_C001 CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T143440_C001 CS_OFFL_SIR_NOPN_2_20220831T144852_20220831T145045_C001 CS_OFFL_SIR_NOPN_2_20220831T144852_20220831T145045_C001 CS_OFFL_SIR_NOPN_2_20220831T1507_20220831T150405_C001 CS_OFFL_SIR_NOPN_2_20220831T1507_20220831T150405_C001 CS_OFFL_SIR_NOPN_2_20220831T1507_20220831T150405_C001 CS_OFFL_SIR_NOPN_2_20220831T1507_20220831T165830_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160506_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160506_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T1605232_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T1605232_C001 CS_OFFL_SIR_NOPN_2_20220831T160501_20220831T1605232_C001 CS_OFFL_SIR_NOPN_2_20220831T160501_20220831T160505_C001 CS_OFFL_SIR_NOPN_2_20220831T160501_20220831T160503_C | CS_OFFL_SIR_NOPN_2_20220831T132652_20220831T133154_C001 | | |
| OCG Backscatter Quality CS_OFFL_SIR_NOPN_2_20220831T142914_20220831T143143_C001 CS_OFFL_SIR_NOPN_2_20220831T142914_20220831T143143_C001 CS_OFFL_SIR_NOPN_2_20220831T143345_20220831T143507_C001 CS_OFFL_SIR_NOPN_2_20220831T143345_20220831T143507_C001 CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T144340_C001 CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T144504_C001 CS_OFFL_SIR_NOPN_2_20220831T1442852_20220831T145045_C001 CS_OFFL_SIR_NOPN_2_20220831T144852_20220831T145045_C001 CS_OFFL_SIR_NOPN_2_20220831T151907_20220831T152117_C001 CS_OFFL_SIR_NOPN_2_20220831T151907_20220831T152117_C001 CS_OFFL_SIR_NOPN_2_20220831T165027_20220831T156502_C001 CS_OFFL_SIR_NOPN_2_20220831T165010_20220831T16056_C001 CS_OFFL_SIR_NOPN_2_20220831T165527_20220831T161218_C001 CS_OFFL_SIR_NOPN_2_20220831T165129_20220831T161218_C001 CS_OFFL_SIR_NOPN_2_20220831T165129_20220831T16522_C001 CS_OFFL_SIR_NOPN_2_20220831T165129_20220831T165222_C001 CCGA Altimeter Range Quality PLRM. CCGO GRange and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM. CCGO Altimeter Range and Backscatter Quality PLRM. CCGO Altimeter Range Altimet | CS_OFFL_SIR_NOPN_2_20220831T133954_20220831T134133_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, COG Altimeter Range and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220831T143345_20220831T143507_CO01 CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T144340_CO01 CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T144340_CO01 CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T145045_CO01 CS_OFFL_SIR_NOPN_2_20220831T150507_20220831T150507_CO01 CS_OFFL_SIR_NOPN_2_20220831T150507_20220831T150507_CO01 CS_OFFL_SIR_NOPN_2_20220831T150507_20220831T150507_CO01 CS_OFFL_SIR_NOPN_2_20220831T150507_20220831T150507_CO01 CS_OFFL_SIR_NOPN_2_20220831T150507_20220831T150507_CO01 CS_OFFL_SIR_NOPN_2_20220831T150507_20220831T150507_CO01 CS_OFFL_SIR_NOPN_2_20220831T150507_20220831T150507_CO01 CS_OFFL_SIR_NOPN_2_20220831T150507_20220831T150507_CO01 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160506_CO01 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160506_CO01 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160506_CO01 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160506_CO01 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160506_CO01 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160506_CO01 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160506_CO01 CCGG Altimeter Range Quality PLRM, COGG Backscatter Quality PLRM, COG | CS_OFFL_SIR_NOPN_2_20220831T142556_20220831T142806_C001 | OCOG Backscatter Quality | |
| CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T144340_C001 CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T144340_C001 CS_OFFL_SIR_NOPN_2_20220831T144252_20220831T145045_C001 CS_OFFL_SIR_NOPN_2_20220831T144852_20220831T145045_C001 CS_OFFL_SIR_NOPN_2_20220831T151907_20220831T152117_C001 CS_OFFL_SIR_NOPN_2_20220831T151907_20220831T152117_C001 CS_OFFL_SIR_NOPN_2_20220831T155527_20220831T155630_C001 CS_OFFL_SIR_NOPN_2_20220831T165527_20220831T165630_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160956_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T1605232_C001 CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165232_C001 CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165232 | CS_OFFL_SIR_NOPN_2_20220831T142914_20220831T143143_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_NOPN_2_20220831T144852_20220831T145045_C001 CS_OFFL_SIR_NOPN_2_20220831T145045_C001 CS_OFFL_SIR_NOPN_2_20220831T151907_20220831T152117_C001 CS_OFFL_SIR_NOPN_2_20220831T155527_20220831T155630_C001 CS_OFFL_SIR_NOPN_2_20220831T165501_20220831T160956_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T165232_C001 CS_OFFL_SIR_NOPN_2_20220831T165129_20220831T165232_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160956_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160956_C001 CS_OFFL_SIR_NOPN_2_20220831T160950_2001 CS_OFFL_SIR_NOPN_2_20220831T165129_20220831T165232_C001 CCG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Alt | CS_OFFL_SIR_NOPN_2_20220831T143345_20220831T143507_C001 | | |
| CS_OFFL_SIR_NOPN_2_20220831T144852_20220831T145045_C001 Allimeter Range and Backscatter Quality PLRM, OCOG Allimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backsca | CS_OFFL_SIR_NOPN_2_20220831T144218_20220831T144340_C001 | | |
| and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220831T155527_20220831T155630_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160956_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160956_C001 CS_OFFL_SIR_NOPN_2_20220831T16057_20220831T161218_C001 CS_OFFL_SIR_NOPN_2_20220831T161057_20220831T161218_C001 CS_OFFL_SIR_NOPN_2_20220831T165129_20220831T165232_C001 CS_OFFL_SIR_NOPN_2_20220831T165129_20220831T165232_C001 CS_OFFL_SIR_NOPN_2_20220831T165129_20220831T165923_C001 CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165923_C001 Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, 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_NOPN_2_20220831T165129_20220831T165232_C001 CCGA Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165923_C001 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_NOPN_2_20220831T144852_20220831T145045_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_NOPN_2_20220831T160510_20220831T160956_C001 CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160956_C001 CS_OFFL_SIR_NOPN_2_20220831T161057_20220831T161218_C001 CS_OFFL_SIR_NOPN_2_20220831T165129_20220831T165232_C001 CS_OFFL_SIR_NOPN_2_20220831T165129_20220831T165232_C001 CS_OFFL_SIR_NOPN_2_20220831T165129_20220831T165923_C001 CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165923_C001 | CS_OFFL_SIR_NOPN_2_20220831T151907_20220831T152117_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_NOPN_2_20220831T165701_20220831T165923_C001 OCOG Backscatter Quality PLRM, 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 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 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 The OCOG Range and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_NOPN_2_20220831T155527_20220831T155630_C001 | | |
| CS_OFFL_SIR_NOPN_2_20220831T165129_20220831T165232_C001 CS_OFFL_SIR_NOPN_2_20220831T165129_20220831T165232_C001 CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165923_C001 CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165923_C001 CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165923_C001 CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165923_C001 CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165923_C001 CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165923_C001 CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165923_C001 CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165923_C001 CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165923_C001 | CS_OFFL_SIR_NOPN_2_20220831T160510_20220831T160956_C001 | | |
| OCOG Backscatter Quality OCOG Backscatter Quality OCOG Backscatter Quality more records OCOG Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and Flags and Flags and Flags and Flags and Flags Altimeter Range and Backscatter Quality Flags and Flags Altimeter Range and Backscatter Quality Flags and Flags Altimeter Range and Backscatter Quality Flags Altimeter Range A | CS_OFFL_SIR_NOPN_2_20220831T161057_20220831T161218_C001 | | |
| and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter | CS_OFFL_SIR_NOPN_2_20220831T165129_20220831T165232_C001 | | |
| | CS_OFFL_SIR_NOPN_2_20220831T165701_20220831T165923_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |

| CQC PRINTED Flags (1984) | CS_OFFL_SIR_NOPN_2_20220831T182755_20220831T183149_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
|--|---|---|--|
| Color Set North 2 2020001100102 20200011010102 20200011010103 | CS_OFFL_SIR_NOPN_2_20220831T191336_20220831T191500_C001 | | |
| Co. OFFL SR NOPR 2 2022091701092 2022091710193 CO. OFFL SR NOPR 2 2022091701092 2022091710193 CO. OFFL SR NOPR 2 202209170092 2022091710193 CO. OFFL SR NOPR 2 202209170093 202209170193 CO. OFFL SR NOPR 2 202209170093 | CS_OFFL_SIR_NOPN_2_20220831T191824_20220831T191919_C001 | | |
| Col. CR14_DR1 NOPN_2_1022023112013_0220231120132030 | CS_OFFL_SIR_NOPN_2_20220831T201612_20220831T201721_C001 | | |
| SO OFFL SR NOPN 2 2022063172092 (2022063172092 (2022) ODD Allmeter Fange Gually PERM, DOOR Allmete | CS_OFFL_SIR_NOPN_2_20220831T214518_20220831T214934_C001 | | |
| CS_OFF_SIR_NOPR_2_2022831T00041_2022851T01605_C001 CS_OFF_SIR_NOPR_2_2022831T00041_2022851T01605_C001 CS_OFF_SIR_NOPR_2_2022831T00002_2022851T01605_C001 CS_OFF_SIR_NOPR_2_2022831T00002_2022851T01605_C001 CS_OFF_SIR_NOPR_2_2022831T00002_2022851T01605_C001 CS_OFF_SIR_NOPR_2_2022831T00002_2022851T01605_C001 CS_OFF_SIR_NOPR_2_2022831T00003_2022851T01605_C001 CS_OFF_SIR_NOPR_2_2022831T00003_2022851T01605_C001 CS_OFF_SIR_NOPR_2_2022831T00003_2022851T01605_C001 CS_OFF_SIR_NOPR_2_2022831T00003_2022851T01605_C001 CS_OFF_SIR_NOPR_2_2022831T00003_2022851T01605_C001 CS_OFF_SIR_NOPR_2_2022831T00003_2022851T01605_C001 CS_OFF_SIR_NOPR_2_2022831T00003_2022851T00005_C001 CS_OFF_SIR_NOPR_2_ | CS_OFFL_SIR_NOPN_2_20220831T215513_20220831T215636_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Sq. OFFL_SIR, NOPR, 2_20220831702095, 20220831 | CS_OFFL_SIR_NOPN_2_20220831T221924_20220831T222010_C001 | | |
| SB_OFFL_SIR_NOPR_2_20220831T09095_20220831T09096_COT SB_NOPR_2_20220831T09095_20220831T09096_COT SB_NOPR_2_20220831T09095_20220831T09096_COT SB_NOPR_2_20220831T09096_20220831T09096_COT SB_NOPR_2_202 | CS_OFFL_SIR_NOPR_2_20220831T002435_20220831T003114_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 FLIM. COCO Alterneter Range on Backscatter Quality FLIM. COCO Alterneter Range on Backscatter Quality FLIM. COCO Alterneter Range Quality FLIM. COCO A | CS_OFFL_SIR_NOPR_2_20220831T010832_20220831T011605_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCOG Bankscatter Quality FLRM, COG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_202208311034082_202208311034085_C001 CS_OFFL_SIR_NOPR_2_202208311034082_202208311034085_C001 CS_OFFL_SIR_NOPR_2_202208311034082_202208311034085_C001 CS_OFFL_SIR_NOPR_2_202208311034082_202208311034085_C001 CS_OFFL_SIR_NOPR_2_202208311034082_20208311034085_C001 CS_OFFL_SIR_NOPR_2_202208311034085_C001 CS_OFFL_SIR_NOPR_2_202208311040425_C0001 CS_OFFL_SIR_NOPR_2_202208311040425_C0001 CS_OFFL_SIR_NOPR_2_202208311040425_C0001 CS_OFFL_SIR_NOPR_2_202208311040425_C0001 CS_OFFL_SIR_NOPR_2_202208311060231_202208311040426_C001 CS_OFFL_SIR_NOPR_2_202208311060231_202208311070598_C001 CS_OFFL_SIR_NOPR_2_202208311070598_C001 CS_OFFL_SIR_NOPR_2_202208311070598_C001 CS_OFFL_SIR_NOPR_2_202208311070598_C001 CS_OFFL_SIR_NOPR_2_202208311070508_C001 CS_OFFL_SIR_NOPR_2_202208311070508_C001 CS_OFFL_SIR_NOPR_2_202208311070508_C001 CS_OFFL_SIR_NOPR_2_202208311070509_C001 CS_OFFL_SIR_NOPR_2_202208311070509_C001 CS_OFFL_SIR_NOPR_2_202208311070509_C001 CS_OFFL_SIR_NOPR_2_202208311070509_C001 CS_OFFL_SIR_NOPR_2_202208311070509_C001 CS_OFFL_SIR_NOPR_2_202208311070509_C001 CS_OFFL_SIR_NOPR_2_202208311070509_C001 CS_OFFL_SIR_NOPR_2_202208311070509_C001 CS_OFFL_SIR_NOPR_2_202208311080037_200208311080035_C001 CS_OFFL_SIR_NOPR_2_202208311080037_200208311080035_C001 CS_OFFL_SIR_NOPR_2_202208311080037_200208311080035_C001 CS_OFFL_SIR_NOPR_2_202208311080037_200208311080035_C001 CS_OFFL_SIR_NOPR_2_202208311080037_200208311080035_C001 CS_OFFL_SIR_NOPR_2_202208311080037_200208311080037_C000 Animater Range_SNIA_SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_202208311080037_200208311080037_C000 CS_OFFL_SIR_NOPR_2_202208311080037_200208311080037_C000 CS_OFFL_SIR_NOPR_2_202208311080037_200208311080037_C000 CS_OFFL_SIR_NOPR_2_202208311080037_200208311080037_C000 CS_OFFL_SIR_NOPR_2_202208311080037_200208311080037_C000 CS_OFFL_SIR_NOPR_2_202208311080037_ | CS_OFFL_SIR_NOPR_2_20220831T020905_20220831T020926_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 PLRM. OCOG Altimeter Range and Backscatter Quality PLRM. OCOG Backscatter Quality PLRM. OCOG Altimeter Range and Backscatter Quality PLRM. OCOG Backscatter Quality PLRM. | CS_OFFL_SIR_NOPR_2_20220831T020953_20220831T021121_C001 | | |
| CS_OFFL_SIR_NOPR_2_20220831T034405_20220831T034636_C001 CS_OFFL_SIR_NOPR_2_20220831T034405_20220831T04426_C001 CS_OFFL_SIR_NOPR_2_20220831T042538_20220831T043426_C001 CS_OFFL_SIR_NOPR_2_20220831T042538_20220831T043426_C001 CS_OFFL_SIR_NOPR_2_20220831T070201_20220831T070558_C001 CS_OFFL_SIR_NOPR_2_20220831T070201_20220831T070558_C001 CS_OFFL_SIR_NOPR_2_20220831T070201_20220831T070558_C001 CS_OFFL_SIR_NOPR_2_20220831T070552_20220831T070558_C001 CC_OFFL_SIR_NOPR_2_20220831T080637_20220831T080503_C001 CS_OFFL_SIR_NOPR_2_20220831T080637_20220831T080503_C001 CS_OFFL_SIR_NOPR_2_20220831T080644_20220831T084442_C001 CC_OFFL_SIR_NOPR_2_20220831T080404_20220831T084442_C001 CC_OFFL_SIR_NOPR_2_20220831T080404_20220831T084442_C001 CC_OFFL_SIR_NOPR_2_20220831T080404_20220831T084442_C001 CC_OFFL_SIR_NOPR_2_20220831T080404_20220831T08059_20220831T008050001 CC_OFFL_SIR_NOPR_2_20220831T080404_20220831T08442_C001 CC_OFFL_SIR_NOPR_2_20220831T080404_20220831T093742_C001 CC_OFFL_SIR_NOPR_2_20220831T080404_20220831T084050001 CC_OFFL_SIR_NOPR_2_20220831T080404_20220831T093742_C001 CC_OFFL_SIR_NOPR_2_20220831T080404_20220831T093742_C001 CC_OFFL_SIR_NOPR_2_20220831T080404_20220831T093742_C001 CC_OFFL_SIR_NOPR_2_20220831T080404_20220831T093742_C001 CC_OFFL_SIR_NOPR_2_20220831T080404_20220831T093742_C001 CC_OFFL_SIR_NOPR_2_20220831T080404_20220831T093742_C001 CC_OFFL_SIR_NOPR_2_20220831T080404_20220831T093742_C001 CC_OFFL_SIR_NOPR_2_20220831T080404_2022083 | CS_OFFL_SIR_NOPR_2_20220831T024714_20220831T025430_C001 | | |
| CS_OFFL_SIR_NOPR_2_20220831T034405_20220831T034628_C001 Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220831T062231_20220831T061099_C001 CS_OFFL_SIR_NOPR_2_20220831T07201_20220831T07558_C001 CS_OFFL_SIR_NOPR_2_20220831T070201_20220831T07558_C001 CS_OFFL_SIR_NOPR_2_20220831T070201_20220831T07558_C001 CS_OFFL_SIR_NOPR_2_20220831T075552_20220831T075558_C001 CS_OFFL_SIR_NOPR_2_20220831T075552_20220831T075558_C001 CS_OFFL_SIR_NOPR_2_20220831T075552_20220831T075558_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084042_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084442_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084442_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084442_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084442_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084442_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084442_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084442_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084422_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084422_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084422_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084422_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084422_C001 CCS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084422_C001 CCS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084422_C001 CCS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084422_C001 CCS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084422_C001 CCS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084122_C001 CCS_OFFL_SIR_NOPR_2_20220831T094044_20220831T093742_C001 CCS_OFFL_SIR_NOPR_2_20220831T094044_20220831T093742_C001 CCS_OFFL_SIR_NOPR_2_20220831T094044_20220831T093742_C001 CCS_OFFL_SIR_NOPR_2_20220831T094044_20220831T093742_C001 CCS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094122_C001 CCCG_Allmeter Range Coultiny FLRM, CCCG_Allmeter Range Coultiny Flags have been set for one or more records. CCCG_Allmeter Range Coultiny Flags have been set for one or more rec | CS_OFFL_SIR_NOPR_2_20220831T030822_20220831T031005_C001 | | |
| CS_OFFL_SIR_NOPR_2_20220831T082031_20220831T0900201 and Backscatter Quality PLRM. CS_OFFL_SIR_NOPR_2_20220831T0800231_20220831T081009_C001 CS_OFFL_SIR_NOPR_2_20220831T070201_20220831T070558_C001 CS_OFFL_SIR_NOPR_2_20220831T070201_20220831T070558_C001 CS_OFFL_SIR_NOPR_2_20220831T070201_20220831T070558_C001 CS_OFFL_SIR_NOPR_2_20220831T070201_20220831T070558_C001 CS_OFFL_SIR_NOPR_2_20220831T070201_20220831T070558_C001 CS_OFFL_SIR_NOPR_2_20220831T070201_20220831T070558_C001 CS_OFFL_SIR_NOPR_2_20220831T075525_20220831T075558_C001 CS_OFFL_SIR_NOPR_2_20220831T075525_20220831T075558_C001 CS_OFFL_SIR_NOPR_2_20220831T082037_20220831T08003_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084042_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084442_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T093742_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094042_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CCG_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CCG_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CCG_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CCG_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CCG_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CCG_OFFL_SIR_NOPR_2_20220831T1094044_20220831T1094128_C001 CCG_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CCG_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CCG_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CCG_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CCG_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CCG_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CCG_OFFL_SIR | CS_OFFL_SIR_NOPR_2_20220831T034405_20220831T034636_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. CS_OFFL_SIR_NOPR_2_20220831T0600231_20220831T070558_C001 Altimeter Range and Backscatter Quality PLRM. CS_OFFL_SIR_NOPR_2_20220831T070201_20220831T070558_C001 CS_OFFL_SIR_NOPR_2_20220831T073948_20220831T074029_C001 CS_OFFL_SIR_NOPR_2_20220831T073948_20220831T074029_C001 CS_OFFL_SIR_NOPR_2_20220831T075555_C001 CS_OFFL_SIR_NOPR_2_20220831T075555_C001 CS_OFFL_SIR_NOPR_2_20220831T075555_C001 CS_OFFL_SIR_NOPR_2_20220831T078525_20220831T075558_C001 CS_OFFL_SIR_NOPR_2_20220831T08637_20220831T083053_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084442_C001 CS_OFFL_SIR_NOPR_2_20220831T093407_20220831T093742_C001 CS_OFFL_SIR_NOPR_2_20220831T093407_20220831T093742_C001 CS_OFFL_SIR_NOPR_2_20220831T093407_20220831T093742_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T093407_20220831T093742_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T093407 | CS_OFFL_SIR_NOPR_2_20220831T042538_20220831T043426_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_20220831T070201_20220831T070558_C001 Alimeter Range and Backscatter Quality PLRM, OCOG Alimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220831T075525_20220831T075558_C001 CS_OFFL_SIR_NOPR_2_20220831T075525_20220831T075558_C001 CS_OFFL_SIR_NOPR_2_20220831T082637_20220831T083053_C001 CS_OFFL_SIR_NOPR_2_20220831T082637_20220831T083053_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084044_2001 CS_OFFL_SIR_NOPR_2_20220831T093407_20220831T093742_C001 CS_OFFL_SIR_NOPR_2_20220831T093407_20220831T093742_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T10015_20220831T102015_20220831T102015_20220831T102015_20220831T102015_20220831T102015_20220831T102015_20220831T102015_20220831T102015_20020831T102015_20020831T102015_2000831T102015_20 | CS_OFFL_SIR_NOPR_2_20220831T060231_20220831T061009_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_20220831T075525_20220831T083053_C001 CS_OFFL_SIR_NOPR_2_20220831T082637_20220831T083053_C001 CS_OFFL_SIR_NOPR_2_20220831T082637_20220831T083053_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084044_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084442_C001 CS_OFFL_SIR_NOPR_2_20220831T093407_20220831T093742_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T1094128_C001 CS_OFFL_SIR_NOPR_2_20220831T1094044_20220831T1094128_C001 CS_OFFL_SIR_NOPR_2_20220831T1094044_20220831T1094128_C001 CS_OFFL_SIR_NOPR_2_20220831T1094044_20220831T1094128_C001 CS_OFFL_SIR_NOPR_2_20220831T1094044_20220831T1094128_C001 CS_OFFL_SIR_NOPR_2_20220831T109639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T100401_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T1010401_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_202208 | CS_OFFL_SIR_NOPR_2_20220831T070201_20220831T070558_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_20220831T082637_20220831T083053_C001 CS_OFFL_SIR_NOPR_2_20220831T082637_20220831T083053_C001 CS_OFFL_SIR_NOPR_2_20220831T082637_20220831T083053_C001 CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084442_C001 CS_OFFL_SIR_NOPR_2_20220831T093407_20220831T093742_C001 CS_OFFL_SIR_NOPR_2_20220831T093407_20220831T093742_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T1093742_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T1093742_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T1093128_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T1010 | CS_OFFL_SIR_NOPR_2_20220831T073948_20220831T074029_C001 | | |
| CS_OFFL_SIR_NOPR_2_20220831T082637_20220831T083053_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084442_C001 CS_OFFL_SIR_NOPR_2_20220831T093407_20220831T093742_C001 CS_OFFL_SIR_NOPR_2_20220831T093407_20220831T093742_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T102015_20220831T102401_C001 CS_OFFL_SIR_NOPR_2_20220831T102015_20220831T102401_C001 Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Backscatter Quality Plags and the OCOG Altimeter Range and Bac | CS_OFFL_SIR_NOPR_2_20220831T075525_20220831T075558_C001 | OCOG Backscatter Quality | |
| CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084442_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20220831T093407_20220831T093742_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831 | CS_OFFL_SIR_NOPR_2_20220831T082637_20220831T083053_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_20220831T094044_20220831T094128_C001 OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG 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 CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 CS_OFFL_SIR_NOPR_2_20220831T102015_20220831T102401_C001 CS_OFFL_SIR_NOPR_2_20220831T102015_20220831T102401_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range Rang | CS_OFFL_SIR_NOPR_2_20220831T084044_20220831T084442_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 OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and Backscatte | CS_OFFL_SIR_NOPR_2_20220831T093407_20220831T093742_C001 | | |
| and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20220831T102015_20220831T102401_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_NOPR_2_20220831T094044_20220831T094128_C001 | | |
| CS_OFFL_SIR_NOPR_2_20220831T102015_20220831T102401_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Cogn Altimeter Range and Backscatter Quality PLRM Cogn Altimeter Range SSHA_SWH | CS_OFFL_SIR_NOPR_2_20220831T100639_20220831T101038_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Ocean Altimeter Range, SSHA, SWH | CS_OFFL_SIR_NOPR_2_20220831T102015_20220831T102401_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_20220831T114417_20220831T115117_C001 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_20220831T114417_20220831T115117_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | |

| CS_OFFL_SIR_NOPR_2_20220831T130656_20220831T131104_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_20220831T134133_20220831T134243_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_20220831T135637_20220831T135816_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_20220831T150622_20220831T150842_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_20220831T154344_20220831T154422_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_20220831T164559_20220831T164819_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_20220831T174007_20220831T174539_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_20220831T182405_20220831T182755_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_20220831T190836_20220831T191007_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_20220831T191327_20220831T191336_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_20220831T191919_20220831T192710_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_20220831T192808_20220831T192854_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_20220831T200336_20220831T200743_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_20220831T201722_20220831T202253_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_20220831T202549_20220831T203041_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_20220831T205750_20220831T210620_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_20220831T214253_20220831T214517_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_20220831T215637_20220831T220021_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_20220831T235329_20220831T235339_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: 17

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:

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.

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 | 151 | 151 | 7 | 144 | 0 |
| SIR_NOPR1B | 104 | 104 | 0 | 104 | 0 |
| SIR_NOPN1B | 105 | 105 | 1 | 104 | 0 |
| SIR_NOPM_2 | 157 | 156 | 95 | 61 | 0 |
| SIR_NOPR_2 | 101 | 99 | 35 | 63 | 1 |
| SIR_NOPN_2 | 103 | 103 | 38 | 65 | 0 |

7.1 QCC Errors

Number of QCC reports with errors:

6

| Total n | umber of | occurrences | οf | each error |
|---------|----------|-------------|----|------------|
| | | | | |

| Product Type RLOBOPNCDF | RL | RL | RLOBOPNCDF | RL | RL | - | - | - | - | - |
|-------------------------|----|----|------------|----|----|---|---|---|---|---|
| SIR_NOPR_2 1 | 1 | 1 | 1 | 1 | 1 | | | | | |

| Test Description Key: | Test Description Key: | | | | | |
|-----------------------|--------------------------------|--|--|--|--|--|
| Abbreviation | Test name | Details | | | | |
| RLOBOPNCDF | RangeLatitudeOrBlankOP_7NetCDF | Latitude should be between -90E7 and 90E7 - NetCDF | | | | |
| RL | RangeLatitude_6 | Latitude should be between -90E6 and 90E6 | | | | |
| RL | RangeLatitude_7 | Latitude should be between -90E7 and 90E7 | | | | |

7.2 QCC Warnings

Number of QCC reports with warnings

1642

| i otai | number of | occurrences of | each warning |
|--------|-----------|----------------|--------------|

| Product Type | BCSHNCDF | IOHHMOOR | MVIOEPFDNCDF | MVIOEPNCDF | MVIONCDF | RBSZOPOEPFDNCDF | RBSZOPOEPFDPLRMNCD |
|--------------|----------|----------|--------------|------------|----------|-----------------|--------------------|
| SIR_NOPM1B | 144 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPM_2 | 0 | 0 | 45 | 47 | 1 | 38 | 0 |
| SIR_NOPN1B | 103 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPN_2 | 0 | 0 | 11 | 33 | 5 | 25 | 30 |
| SIR_NOPR1B | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR NOPR 2 | 0 | 1 | 31 | 34 | 1 | 32 | 27 |

| Product Type | RBSZOPOEPNCDF | RPEPOPFDLRMNCDF | RPEPOPFDPLRMSARNCD | RPEPOPFDPLRMSINNCDF | RPEPOPFDSARNCDF | RPEPOPFDSINNCDF | RPEPOPLRMNCDF |
|--------------|---------------|-----------------|--------------------|---------------------|-----------------|-----------------|---------------|
| SIR_NOPM1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPM_2 | 31 | 42 | 0 | 0 | 0 | 0 | 37 |
| SIR_NOPN1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPN_2 | 18 | 0 | 0 | 25 | 0 | 31 | 0 |
| SIR_NOPR1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPR_2 | 19 | 0 | 35 | 0 | 40 | 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 | 1 | 26 | 0 | 1 | 38 |
| SIR_NOPN1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPN_2 | 0 | 25 | 12 | 48 | 52 | 32 | 30 |
| SIR_NOPR1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR NOPR 2 | 37 | 0 | 0 | 47 | 30 | 7 | 31 |

| Product Type | RSWHOEPFDPLRMNCDF | RSWHOEPNCDF | SPHRTASCNSNCDF | SOOHHIFHD | SCSTODHRNCDF | SCSTODNCDF | - |
|--------------|-------------------|-------------|----------------|-----------|--------------|------------|---|
| SIR_NOPM1B | 0 | 0 | 0 | 0 | 0 | 0 | |
| SIR_NOPM_2 | 0 | 3 | 0 | 0 | 0 | 0 | |
| SIR_NOPN1B | 0 | 0 | 1 | 0 | 43 | 0 | |
| SIR_NOPN_2 | 27 | 11 | 0 | 3 | 0 | 0 | |
| SIR_NOPR1B | 0 | 0 | 0 | 0 | 104 | 3 | |
| SIR_NOPR_2 | 37 | 2 | 1 | 4 | 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 | | | |
| RPEPOPFDPLRMSAR NCDF | RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF | The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPFDPLRMSINN CDF | RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF | The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPFDSARNCDF | RangePeakinessExcludingPolarOPFD2SARNetCDF | The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPFDSINNCDF | RangePeakinessExcludingPolarOPFD2SINNetCDF | The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPLRMNCDF | RangePeakinessExcludingPolarOPLRMNetCDF | The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPSARNCDF | RangePeakinessExcludingPolarOPSARNetCDF | The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPSINNCDF | RangePeakinessExcludingPolarOPSINNetCDF | The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RSSBCONCDF | RangeSeaStateBiasCorrectionOceanNetCDF | The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean | | | |
| RSSHAOFDNCDF | RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF | The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean | | | |

| RSSHAOFDPLRMNCD F | RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF | The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean |
|-----------------------|--|--|
| RSSHAONCDF | RangeSeaSurfaceHeightAnomalyOceanNetCDF | The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean |
| RSWHOEPFDNCDF | RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF | The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees |
| RSWHOEPFDPLRMNC DF | RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF | The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees |
| RSWHOEPNCDF | RangeSignificantWaveHeightOceanExcludingPolarNetCDF | The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees |
| SPHRTASCNSNCDF | SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF | Rel_Time_ASC_Node_Stop mismatch |
| SOOHHIFHD | SameOrOneHigher1HzIndexFor20HzData | The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample |
| SCSTODHRNCDF | SequenceCounterStepTODHRNetCDF | The sequence counter should be modulo 4 higher with regard to the previous sequence counter |
| SCSTODNCDF | SequenceCounterStepTODNetCDF | The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter |

7.3 Missing QCC Reports

Number of products with missing QCC reports:

3