

QA4EO Daily Report for NOP data:

<u>02/02/2022</u>

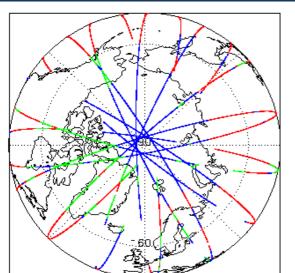
IDEAS-QA4E0

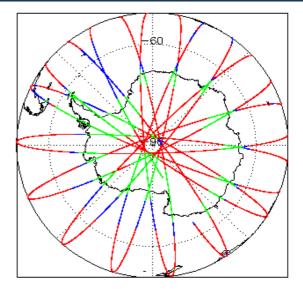
| an art Draduation. | 00 Esh 0000 | Check | L1 & L2 |
|--------------------|--|---|------------------------------|
| Report Production: | 03-Feb-2022 | Server check: science-pds.cryosat.esa.int | Nominal |
| Durana and Harada | CryoSat Ocean Processor | Server check: calval-pds.cryosat.esa.int | Nominal |
| Processor Used: | | Product Software Check | Nominal |
| Data Used: | Near Real Time Ocean Products (NOP) L1B & L2 Science Data | Product Format Check | Nominal |
| Data Used: | | Product Header Analysis | Nominal |
| | | Auxiliary Data File Usage Check | Nominal |
| | | Auxiliary Correction Error Check | See Section 5.4 |
| | | Measurement Confidence Data Check | See Section 4.5, 4.6 and 5.5 |
| | | Measurement Quality Flag Check | See Section 5.6 |
| | | Ocean Retracking Quality Check | See Section 5.7 |
| | | QCC Error/ Warning Check | See Section 7.1 and 7.2 |

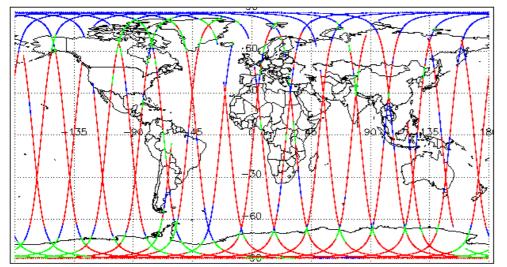
1. Overview

| Miss | Mission / Instrument News | | |
|------|---------------------------|-----------------|--|
| 01-l | Feb-2022 | None | |
| 02-I | Feb-2022 | None | |
| 03-I | Feb-2022 | Nothing planned | |

2. Global Coverage









| LRM |
|-------|
| SAR |
| SARIn |

3. Instrument Configuration

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

| SIRAL - A |
|----------------|
| Star Tracker 1 |
| |

4. NOP Level 1B Data Quality Check

4.1 L1B Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a NetCDF product file (.nc).
Number of products with errors:
0

| 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 11b_proc_flag_hr flag is currently set all L1B NOPR and NOPN products because the 11b_processing_quality_hr field is not correctly configured in the OSAR and OSARIn chains. A modification is required in the next release. | | | | |
| Number of products with errors: 0 | | | | |
| 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: 0 | | | | |
| 4.4 L1B Auxiliary Correction Error Check | | | | |
| 4.4 LTB 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. | | | | |

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_20220202T113603_20220202T115019_C001 | Power scaling error | There is an error in the scaling of the L1B waveform for one or more records |
| CS_OFFL_SIR_NOPM1B_20220202T180123_20220202T180951_C001 | Power scaling error | There is an error in the scaling of the L1B waveform for one or more records |
| CS_OFFL_SIR_NOPM1B_20220202T181535_20220202T181909_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.

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Number of products with errors:

| Product | Test Failed | Description |
|---|--------------|--|
| CS_OFFL_SIR_NOPM1B_20220202T122342_20220202T123501_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPM1B_20220202T220020_20220202T221630_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220202T011417_20220202T011636_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220202T015701_20220202T015846_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220202T034520_20220202T034806_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220202T092246_20220202T092452_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220202T105959_20220202T110422_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220202T124052_20220202T124518_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20220202T173637_20220202T173756_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20220202T001330_20220202T001343_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20220202T011950_20220202T012210_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20220202T024938_20220202T025348_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20220202T060739_20220202T061527_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20220202T120151_20220202T120401_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20220202T123917_20220202T123958_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20220202T124520_20220202T125222_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20220202T235439_20220202T235638_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: 0

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: 0

5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

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

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

> Mean Sea Surface: The error value is currently set for products over land and sea ice, but this is to be expected.

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> 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:

| CS_OFFL_SIR_NOPN_2_20220202T175840_20220202T175940_C001 CS_OFFL_SIR_NOPN_2_20220202T001442_20220202T002046_C001 CS_OFFL_SIR_NOPN_2_20220202T011417_20220202T011636_C001 CS_OFFL_SIR_NOPN_2_20220202T015701_20220202T015846_C001 CS_OFFL_SIR_NOPN_2_20220202T025348_20220202T025831_C001 CS_OFFL_SIR_NOPN_2_20220202T034520_20220202T034806_C001 | Mean Dynamic Topography (1)Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records 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_20220202T011417_20220202T011636_C001 CS_OFFL_SIR_NOPN_2_20220202T015701_20220202T015846_C001 CS_OFFL_SIR_NOPN_2_20220202T025348_20220202T025831_C001 | Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic | Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic |
| CS_OFFL_SIR_NOPN_2_20220202T015701_20220202T015846_C001 CS_OFFL_SIR_NOPN_2_20220202T025348_20220202T025831_C001 | Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic | Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic |
| CS_OFFL_SIR_NOPN_2_20220202T025348_20220202T025831_C001 | Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic | Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic |
| | Topography (1) Mean Sea Surface (1), Mean Dynamic | |
| CS_OFFL_SIR_NOPN_2_20220202T034520_20220202T034806_C001 | | ropography height (solution 1) for one or more records |
| | | 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_20220202T051626_20220202T052014_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_20220202T065605_20220202T065920_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_20220202T084341_20220202T084452_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_20220202T092246_20220202T092452_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_20220202T092552_20220202T092713_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_20220202T105959_20220202T110422_C001 | Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide | There is an error with the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and 2: FES) and the Non- Equilibrium Long Period Ocean Tide for one or more records |
| CS_OFFL_SIR_NOPN_2_20220202T110508_20220202T110624_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_20220202T115916_20220202T120151_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_20220202T124052_20220202T124518_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_20220202T133829_20220202T134156_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_20220202T151937_20220202T152116_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_20220202T173637_20220202T173756_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_20220202T182845_20220202T183009_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_20220202T183535_20220202T183847_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_20220202T192651_20220202T192753_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_20220202T200821_20220202T200935_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_20220202T201434_20220202T201755_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_20220202T214910_20220202T215147_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_20220202T224421_20220202T224542_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_20220202T232615_20220202T233041_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_20220202T010811_20220202T011417_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_20220202T024938_20220202T025348_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_20220202T042650_20220202T043430_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_20220202T055645_20220202T055731_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_20220202T060739_20220202T061527_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_20220202T074736_20220202T075805_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_20220202T092713_20220202T093437_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_20220202T110624_20220202T111145_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_20220202T120151_20220202T120401_C001 | Mean Sea Surface (1) | There is an error with the MSS height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPR_2_20220202T124520_20220202T125222_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_20220202T142342_20220202T142848_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_20220202T160035_20220202T160926_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_20220202T173958_20220202T174929_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_20220202T175114_20220202T175313_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_20220202T175653_20220202T175840_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_20220202T230643_20220202T230857_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height 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_20220202T113603_20220202T115019_C001 | Power scaling error | There is an error in the scaling of the L2 waveform for one or more records |
| CS_OFFL_SIR_NOPM_2_20220202T180123_20220202T180951_C001 | Power scaling error | There is an error in the scaling of the L2 waveform for one or more records |
| CS_OFFL_SIR_NOPM_2_20220202T181535_20220202T181909_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.

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Number of products with errors:

| Product | Test Failed | Description |
|---|--|---|
| CS_OFFL_SIR_NOPM_2_20220202T000034_20220202T000137_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_20220202T002347_20220202T002817_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_20220202T003025_20220202T004504_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_20220202T005637_20220202T005704_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_20220202T013208_20220202T015615_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_20220202T015846_20220202T020721_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_20220202T020947_20220202T023502_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_20220202T030041_20220202T030455_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_20220202T030741_20220202T033436_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_20220202T034101_20220202T034520_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_20220202T034831_20220202T041617_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_20220202T041620_20220202T041842_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_20220202T044151_20220202T051345_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_20220202T052014_20220202T052601_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_20220202T052743_20220202T053342_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_20220202T053851_20220202T054413_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_20220202T060503_20220202T060550_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_20220202T061857_20220202T065330_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_20220202T065920_20220202T070432_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_20220202T070629_20220202T072541_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_20220202T075805_20220202T082615_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_20220202T082625_20220202T083200_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_20220202T083928_20220202T084341_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_20220202T084539_20220202T091352_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_20220202T093957_20220202T095407_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_20220202T100455_20220202T101131_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_20220202T101258_20220202T101821_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_20220202T101827_20220202T101833_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_20220202T101840_20220202T102055_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_20220202T102928_20220202T104153_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_20220202T104312_20220202T105958_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_20220202T112143_20220202T113253_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_20220202T113603_20220202T115019_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_20220202T115225_20220202T115720_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_20220202T115757_20220202T115916_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| | | • |

| CB: 0FFL BH NOFM 2 2022020110264 2022021112612 (2001) and Rescarder Quinty, COOD and Rescarder Quinty, COOD CB: 0FFL BH NOFM 2 2022020112612 (2002) (2001) COOD Allerent Flags, SBIA, SPH and Secondard Quinty Flags CB: 0FFL BH NOFM 2 2022020112612 (2002) (2001) COOD Allerent Flags, SBIA, SPH and Secondard Quinty Flags CB: 0FFL BH NOFM 2 2022020112612 (2002) (2001) COOD Allerent Flags, SBIA, SPH and Secondard Quinty Flags CB: 0FFL BH NOFM 2 2022020113683 (2002) (2001) COOD Allerent Flags, SBIA, SPH and Secondard Quinty Flags CB: 0FFL BH NOFM 2 2022020113683 (2002) (2001) COOD Allerent Flags, SBIA, SPH and Secondard Quinty Flags have here secondard CB: 0FFL BH NOFM 2 2022020113683 (2002) (2001) COOD Allerent Flags, SBIA, SPH and Secondard Quinty Flags have here secondard CB: 0FFL BH NOFM 2 2022020114683 (2002) (2001) COCA Allerent Flags, SBIA, SPH and Secondard Quinty Flags have here secondard CB: 0FFL BH NOFM 2 2022020114681 (2002) (2001) COCA Allerent Flags, SBIA, SPH and Secondard Quinty Flags have here secondard CB: 0FFL BH NOFM 2 2022020114681 (2002) (2001) COCA Allerent Flags, SBIA, SPH and Secondard Quinty Flags have here secondard CB: 0FFL BH NOFM 2 2022020114681 (2002) (2001) (2001) (2002) (2001) (2001) (2002) (2001) (2 | | | |
|--|---|-------------------------------|---|
| Ci. OFIL SIR NOM. 2. 2022002112036. DOI: DOI: NOM. 2. 2022002112037. DOI: DOI: NOM. 2. 20220021110037. DOI | CS_OFFL_SIR_NOPM_2_20220202T120604_20220202T121047_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| OB_CPEL_URIN_LCPU_2_DESCREPTINEL_DOCEDURINGEN_CONT Internative Vega Landscape County Internative Vega Landscape County OB_CPEL_URIN_LCPU_2_DESCREPTINEL_DOCEDURINGEN_CONT Internative Vega Landscape County The COUNT Allement Reage and Bodecaper County Regis Internation OB_CPEL_URIN_CPU_2_DESCREPTINEL_DOCEDURINGEN_CONT Cover Allement Reage and Bodecaper County Regis Internation The COUNT Allement Reage and Bodecaper County Regis Internation OB_CPEL_URIN_CPU_2_DESCREPTINEL_DOCEDURINGEN_CONT Cover Allement Reage and Bodecaper County Regis Internation The Cover Allement Reage and Bodecaper County Regis Internation OS_CPEL_URIN_CPU_2_DESCREPTINEL_DOCEDURINGEN_CONT Cover Allement Reage and Bodecaper County Regis Internation The Cover Allement Reage and Bodecaper County Regis Internation OS_CPEL_URIN_CPU_2_DESCREPTINEL_DOCEDURINGEN_CONT Cover Allement Reage and Bodecaper County Regis Internation The Cover Allement Reage and Bodecaper County Regis Internation OS_CPEL_URIN_CPU_2_DESCREPTINEL_DOCEDURINGEN_CONT Cover Allement Reage and Bodecaper County Regis Internation The Cover Allement Reage and Bodecaper County Regis Internation OS_CPEL_URIN_CPU_2_DESCREPTINEL_DOCEDURINGEN_CONT The Cover Allement Reage and Bodecaper County Regis Internation The Cover Allement Reage and Bodecaper County Regis Internation OS_CPEL_URIN_CPU_2_DESCREPTINEL_DOCEDURINEL_REAGE AND THE INTERNATION INTERNATION INTERNATION INTERNATION INTERNATION INTERNATION INTERNATION INTER | CS_OFFL_SIR_NOPM_2_20220202T122342_20220202T123500_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| De Orte Sim NorM 2 decelute 112000 Accelute 112000 Accelute 112000 Accelute Cashy Backelaite Cashy More and the cost of the cost | CS_OFFL_SIR_NOPM_2_20220202T131413_20220202T132923_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| DS_DFL_SR_MOPM_2_00028807114681_0001 optic balance Cally (D005 All for optic and Relaxation Cally Flags have been and for optic and Relaxation Cally Flags have been and for optic and Relaxation Cally Flags have been and for optic and Relaxation Cally Flags have been and f | CS_OFFL_SIR_NOPM_2_20220202T133200_20220202T133635_C001 | 0 ,, | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| 05.0FFL_SPLMOPH_2_02220221144982_0222002114991_0001 with bioscater Quarky Code bit COGO Antenier Range and Bulkecater Quarky Flag have been set to come records. 05.0FFL_SPLMOPH_2_0222022114918_0222022114918_0220022114918_022000 COGO Alterier Range SSH, SVH and Eukocater Quarky Flag have been set to come records. 05.0FFL_SPLMOPH_2_0222022115918_0220022115918_00001 COGO Alterier Range SSH, SVH and Eukocater Quarky Flag have been set to come records. 05.0FFL_SPLMOPH_2_02220022115918_002001 COGO Alterier Range SSH, SVH and Eukocater Quarky Flag have been set to come records. 05.0FFL_SPLMOPH_2_02220022115918_002001 COGO Alterier Range SSH, SVH and Eukocater Quarky Flag have been set to come records. 05.0FFL_SPLMOPH_2_02220022115918_002001 COGO Alterier Range CALL The OCGA Alterier Range CALL 05.0FFL_SPLMOPH_2_0220020115011_0020001 COGO Alterier Range CALL The OCGA Alterier Range CALL 05.0FFL_SPLMOPH_2_02200201151011_0020001 COGO Alterier Range CALL The OCGA Alterier Range CALL 05.0FFL_SPLMOPH_2_02200201151011_0020001 COGO Alterier Range CALL The OCGA Alterier Range CALL 05.0FFL_SPLMOPH_2_022002001151011_0020001 COGO Alterier Range CALL The OCGA Alterier Range CALL 05.0FFL_SPLMOPH_2_02200200115201_0020000115651_0001 COGO Alterier Range CALL The OCGA Alterier Range CALL 05.0FFL_SPLMOPH_2_020020002115201_002 | CS_OFFL_SIR_NOPM_2_20220202T134253_20220202T140619_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| Die GrFL Sift NOPM 2 2022020114318 2022020114318 2022020114309 (2001) Badacatier Quality Die One or more records Die OrFL Sift NOPM 2 2022020114318 2022020114309 (2004) Die OrFL Sift NOPM 2 2022020114318 2022020114309 (2004) Die OrFL Sift NOPM 2 2022020114318 2022020114309 (2004) Die OrFL Sift NOPM 2 20220201143018 2022020114309 (2004) Die OrFL Sift NOPM 2 20220201143018 2022020114309 (2004) Die OrFL Sift NOPM 2 20220201143018 2022020114309 (2004) Die OrFL Sift NOPM 2 2022020114301 20220201144319 (2004) Die OrFL Sift NOPM 2 2022020114301 2022020114431 (2004) Die OrFL Sift NOPM 2 2022020114630 (2004) Die OrFL Sift NOPM 2 2022020114240 (2022020114510 (2004) Die OrFL Sift NOPM 2 20 | CS_OFFL_SIR_NOPM_2_20220202T140622_20220202T140947_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_20220202114318_0220202115034_0_001 and Backatter Caality. OCCG and the COCG Alterneter Range and Backatter Caality Fage fave been at Cool Alternet Fange and Backatter Caality Fage fave | CS_OFFL_SIR_NOPM_2_20220202T141901_20220202T141951_C001 | 0 ,, | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CB_OFFL_SIR_NOPM_2_20220027116118_02202027116120_01 And Backstatter Cuality, COCO Minimeter Parage Backstatter Cuality, COCO Source of the core of more records The COCO Allimeter Parage and Backscatter Cuality Flags have been st or or of more records CS_OFFL_SIR_NOPM_2_202200027116101_002202027115180_CO01 CCCG Allimeter Parage Cuality, CCCO Backscatter Cuality, CCCO Backscatter Cuality, CCCO Allimeter Parage Cuality, CCCO Allimeter Parage Cuality, CCCO Backscatter Cuality, CCCO Allimeter Parage Cuality, CCCO Backscatter Cuality, CCCO Backscatter Cuality, CCCO Backscatter Cuality, CCCO Backscatter Cuality, CCCO Allimeter Parage and Backscatter Cuality Flags have been st or or of more records CS_OFFL_SIR_NOPM_2_20220027116201_202202027116430_CO01 CCCG Allimeter Parage, SSHA, SWH and Backscatter Cuality, CCCO Allimeter Parage and Backscatter Cuality, Flags have been and the CCCO Allimeter Parage. SSHA, SWH and Backscatter Cuality, Flags have been and the CCCO Allimeter Parage. SSHA, SWH and Backscatter Cuality, Flags have been at for or or more records CS_OFFL_SIR_NOPM_2_2022002071162042_20220207116487_CO01 CCCG Allimeter Parage. SSHA, SWH and Backscatter Cuality Flags have been at for or or more records CS_OFFL_SIR_NOPM_2_2022002071162042_20220207116504_C001 CCCG Allimeter Parage. Cuality, CCCO Allimeter Parage. SSHA, SWH and Backscatter Cuality Flags have been st for or or more records CS_OFFL_SIR_NOPM_2_202200271162010_20170241_202202027117637_C001 CCCG Allimeter Parage. SSHA, SWH and Backscatter Cuality Flags have been st for or or more records CS_OFFL_SIR_NOPM_2_20220027116210_C001 CCCGA Allimeter Parage. SSHA, SWH and Backscatter Cuality Fl | CS_OFFL_SIR_NOPM_2_20220202T144318_20220202T150340_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| Dev Dev <td>CS_OFFL_SIR_NOPM_2_20220202T150418_20220202T150912_C001</td> <td>and Backscatter Quality, OCOG</td> <td>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</td> | CS_OFFL_SIR_NOPM_2_20220202T150418_20220202T150912_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| Des_OPPE_SIR_NOPM_2_20220202118201_00220202118433_0001 Baskscatter Quality for one or more records CS_OFFL_SIR_NOPM_2_20220202118201_00220202118433_0001 Ocean Attracter Range, SSHA, SWH and Backscatter Quality Flags have bee act for one or more records CS_OFFL_SIR_NOPM_2_20220202118201_00220202116824_20220202116824_20022002116824_2002002116824_2002002116824_2002002116824_2002002116824_2002002116824_2002002116824_2002002116824_20020021176837_2001 DCOG Attimeter Range and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_NOPM_2_20220021170244_20220021170837_2001 DCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have bee at for one or more records CS_OFFL_SIR_NOPM_2_20220021170244_2022002117014_001 DCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have bee at for one or more records The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have bee at for one or more records CS_OFFL_SIR_NOPM_2_20220202117618210_0001 DCod Attimeter Range, SSHA, SWH | CS_OFFL_SIR_NOPM_2_20220202T151201_20220202T151550_C001 | | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_20220202118201_20220202116331_C001 and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality into COCG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been and backscatter Quality CS_OFFL_SIR_NOPM_2_20220202116504_202202021165504_C001 OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality, OCCG Backscatter Quality The OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and for one or more records CS_OFFL_SIR_NOPM_2_202202021165501_202202021165504_C001 OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality The OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_NOPM_2_202202021165501_202202021165504_C001 OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality The OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_NOPM_2_202202021170244_202202021170357_C001 OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality The OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_NOPM_2_202202021170244_202202021175114_C001 OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality The OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_NOPM_2_202202021182140_20220202118219_C001 OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality The OCCGA Altimeter Range and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_NOPM_2_202202021182140_20220202118219_C001 OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been at for one or more records The OCCGA A | CS_OFFL_SIR_NOPM_2_20220202T151611_20220202T151937_C001 | | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_20220202116242_202202116550 and Backscatter Quality GCOG Alimeter Range and Backscatter Quality and the OCOG Alimeter Range and Backscatter Quality and the OCOG Alimeter Range and Backscatter Quality File OCOG Alimeter Range and Backscatter Quality <td>CS_OFFL_SIR_NOPM_2_20220202T152201_20220202T154931_C001</td> <td>and Backscatter Quality, OCOG</td> <td>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</td> | CS_OFFL_SIR_NOPM_2_20220202T152201_20220202T154931_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_20220202T165510_20220202T165840_0001 Backscatter Quality for one or more records CS_OFFL_SIR_NOPM_2_20220202T165510_20220202T165840_0001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been so for one or more records CS_OFFL_SIR_NOPM_2_20220202T170244_20220202T170547_0001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been so for one or more records The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, and Backscatter Quality Flags have been so for one or more records CS_OFFL_SIR_NOPM_2_20220202T181536_20220202T181509_0001 DCean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been so for one or more records The OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Al | CS_OFFL_SIR_NOPM_2_20220202T162042_20220202T164827_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_20220202T170244_20220202T173637_C001 Backscatter Quality for one or more records CS_OFFL_SIR_NOPM_2_20220202T170244_20220202T173637_C001 Cean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_NOPM_2_20220202T174929_20220202T175114_C001 Cean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_NOPM_2_20220202T181535_20220202T181909_C001 COCG Altimeter Range, SSHA, SWH and Backscatter Quality The OCean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_NOPM_2_20220202T182140_20220202T182319_C001 COCG Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags for one or more records CS_OFFL_SIR_NOPM_2_20220202T182518_2022020T182518_0C001 Cean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee Altimeter Range and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have bee set for one or more records CS_OFFL_SIR_NOPM_2_20220202T182518_2022020T182518_C001 Ceean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG< | CS_OFFL_SIR_NOPM_2_20220202T165015_20220202T165504_C001 | | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_2022020T170244_2022021T173637_001 and Backscatter Quality, COCG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range, and Backscatter Quality set for one or more records CS_OFFL_SIR_NOPM_2_20220202T174929_20220202T175114_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The OCean Altimeter Range, SSHA, SWH and Backscatter Quality GS_OFFL_SIR_NOPM_2_20220202T181535_20220202T181599_C001 OCCG Altimeter Range Quality, OCCG Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220202T182140_20220202T182319_C001 OCean Altimeter Range, SSHA, SWH and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220202T182140_20220202T182319_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220202T182518_20220202T182510_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220202T182518_2022022T182516_C001 Ocean Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality, Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220202T184126_20220202T183535_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality, | CS_OFFL_SIR_NOPM_2_20220202T165510_20220202T165840_C001 | | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_2022020T174929_2022020T175114_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have bee Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records CS_OFFL_SIR_NOPM_2_2022020T181535_2022020T181535_2022020T182319_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have bee Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been so ard the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been so ard the OCOG Altimeter Range and Backscatter Quality Flags have been so ard the OCOG Altimeter Range and Backscatter Quality Flags have been so for one or more records CS_OFFL_SIR_NOPM_2_20220202T182518_2022020T182515_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have bee ad Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been so for one or more records CS_OFFL_SIR_NOPM_2_20220202T184126_2022020T19038_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have bee Altimeter Range and Backscatt | CS_OFFL_SIR_NOPM_2_20220202T170244_20220202T173637_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_20220201181535_20220201181595_0001 Backscatter Quality for one or more records CS_OFFL_SIR_NOPM_2_202202021182140_202202021182319_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_NOPM_2_202202021182518_202202021183535_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_202202021184126_202202021183535_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_202202021184126_202202021190338_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, ISA The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee set for one or more records CS_OFFL_SIR_NOPM_2_202202021190623_2022021191523_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have bee set fo | CS_OFFL_SIR_NOPM_2_20220202T174929_20220202T175114_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_20220202T182140_20220202T182319_C001 and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records CS_OFFL_SIR_NOPM_2_20220202T182518_2022020T182518_2022020T182810_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 have bee set for one or more records CS_OFFL_SIR_NOPM_2_20220202T182500_202T182505_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_20220202T183009_2022020T183535_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Backscatter Quality, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220202T184126_20220202T190338_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality Flags have bee Attimeter Range and Backscatter Quality Flags have bee action or or more records The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range | CS_OFFL_SIR_NOPM_2_20220202T181535_20220202T181909_C001 | | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_202202T182518_202202T182810_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records CS_OFFL_SIR_NOPM_2_202202T183009_202202T183535_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_202202T184126_202202T183535_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter 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_2022020T184126_2022020T190338_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_2022020T190623_202202T191523_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_2022020T192818_2022002T193116_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Qual | CS_OFFL_SIR_NOPM_2_20220202T182140_20220202T182319_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_20220202T183009_20220202T183535_C001 Backscatter Quality for one or more records CS_OFFL_SIR_NOPM_2_20220202T184126_2022020T190338_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records CS_OFFL_SIR_NOPM_2_2022020T190623_2022020T191523_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee set for one or more records CS_OFFL_SIR_NOPM_2_2022020T192818_2022002T193116_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Flags have bee | CS_OFFL_SIR_NOPM_2_20220202T182518_20220202T182810_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_2022020T184126_202202T190338_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records CS_OFFL_SIR_NOPM_2_2022020T190623_202202T191523_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee and Backscatter Quality, OCOG CS_OFFL_SIR_NOPM_2_2022020T190623_2022020T191523_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Flags have bee and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Flags have bee and the OCOG Altimeter Range and Backscatter Quality Fl | CS_OFFL_SIR_NOPM_2_20220202T183009_20220202T183535_C001 | | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_2022020T190623_202202T191523_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have bee set for one or more records CS_OFFL_SIR_NOPM_2_2022020T192818_202202T193116_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have bee and Backscatter Quality Flags have bee and Backscatter Quality Flags | CS_OFFL_SIR_NOPM_2_20220202T184126_20220202T190338_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_20220202T192818_20220202T193116_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have bee | CS_OFFL_SIR_NOPM_2_20220202T190623_20220202T191523_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| | CS_OFFL_SIR_NOPM_2_20220202T192818_20220202T193116_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPM_2_20220202T193900_20220202T194429_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been see for one or more records | CS_OFFL_SIR_NOPM_2_20220202T193900_20220202T194429_C001 | | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| | CS_OFFL_SIR_NOPM_2_20220202T194738_20220202T200729_C001 | and Backscatter Quality, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |

| CS_OFFL_SIR_NOPM_2_20220202T200935_20220202T201434_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_20220202T202037_20220202T202732_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_20220202T202734_20220202T205319_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_20220202T211849_20220202T214212_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_20220202T220020_20220202T221630_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_20220202T221634_20220202T221800_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_20220202T222241_20220202T222832_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_20220202T222834_20220202T223121_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_20220202T223509_20220202T223538_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_20220202T225033_20220202T230643_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_20220202T230857_20220202T232342_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_20220202T233041_20220202T233252_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_20220202T233936_20220202T235439_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_20220202T235650_20220203T000625_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_20220202T010941_20220202T010943_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_20220202T011912_20220202T011950_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPN_2_20220202T033943_20220202T034101_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPN_2_20220202T101131_20220202T101258_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPN_2_20220202T122334_20220202T122342_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_NOPN_2_20220202T232426_20220202T232609_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_20220202T015615_20220202T015701_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_20220202T061713_20220202T061725_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_20220202T073809_20220202T073820_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_20220202T084452_20220202T084539_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_20220202T093609_20220202T093639_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_20220202T124042_20220202T124052_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 |
| | 1 | • |

| CS_OFFL_SIR_NOPR_2_20220202T193304_20220202T193445_C001 | S | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
|---|---|---|
| CS_OFFL_SIR_NOPR_2_20220202T230643_20220202T230857_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | 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.

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Number of products with errors:

| Product | Test Failed | Description |
|---|---|---|
| CS_OFFL_SIR_NOPN_2_20220201T235929_20220202T000034_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_20220202T001442_20220202T002046_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_20220202T011417_20220202T011636_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_202202021012210_202202021012333_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_20220202T015701_20220202T015846_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_20220202T023755_20220202T023905_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_20220202T024916_20220202T024938_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_20220202T025348_20220202T025831_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_20220202T025919_20220202T030041_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_20220202T030455_20220202T030642_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_20220202T033639_20220202T033814_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_20220202T033943_20220202T034101_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_20220202T051626_20220202T052014_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_20220202T054414_20220202T054623_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_20220202T055537_20220202T055645_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_20220202T055731_20220202T055756_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_20220202T060420_20220202T060503_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_20220202T061527_20220202T061644_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_20220202T072541_20220202T072800_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_202202021074701_202202021074736_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_20220202T084341_20220202T084452_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |

| CAL, OH, LARLANDY, LARDARD THER, LARDARD THER, LARDARD THE ALL AND ALL | CS_OFFL_SIR_NOPN_2_20220202T101131_20220202T101258_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 |
|--|---|---|---|
| COUNT_COUNT_COUNT_COUNT ONC_COUNT ONC_COUNT COUNT Exercise of Count on | CS_OFFL_SIR_NOPN_2_20220202T111929_20220202T112143_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Deck Ser, Ser, Norry 2, 2000000111911, 20020001100101, 2001 DOOD Basksetter Gaaty Incremental CI, CAPL, Ser, NORV, 2, 20000001101912, 20020001100100, 2001 DOOD Basksetter Gaaty The DOOD Farge and Lance Care Care Care Care Care Care Care Car | CS_OFFL_SIR_NOPN_2_20220202T115042_20220202T115225_C001 | | |
| View Diff, UMPL & Alakadad II (1974). Additional Tables 2001 OCID Batterstater Gasin Incerements OBOPPL_SPL_VEX_2_D0000001 Constructure Resp. SNRA, SWN Resp. SNRA, SWN Batterstater Gasin Incerements OBOPPL_SPL_VEX_2_D0000001 Constructure Resp. SNRA, SWN Resp. SNRA, SWN Batterstater Gasin Incerements OBOPPL_SPL_VEX_2_D0000001 Constructure Resp. SNRA, SWN Resp. SNRA, SWN Resp | CS_OFFL_SIR_NOPN_2_20220202T115916_20220202T120151_C001 | | ° , ° |
| 05. CPTL_SRI_NOPL_2_SE23002T12846_2002002T12846_0001 and backscate Cuality FILM Resp. Conf. Strike and Struke Backscate Cuality FiLM Resp. Conf. Strike Backscate Cuality FiLM Resp. Strike Backscate Cuality | CS_OFFL_SIR_NOPN_2_20220202T121757_20220202T122322_C001 | | |
| GS_OPTL_SIN_UPPL_2.0220000T1:4458_02022020T1:4458_0001 Imit Bask-state Dasht (FLM, OCC), Imit Bask-state Dasht (FLM, Imit Bask Imit Imit | CS_OFFL_SIR_NOPN_2_20220202T123958_20220202T124042_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Del. DFL_SH_MORE_2.0020000110305_20202202115101_0001 00000 Bioleacter Guilty more records CB_OFL_SH_MORE_2.0220202115005_20202202115216_0001 00000 Bioleacter Guilty The OCOOR Bioleacter Guilty CB_OFL_SH_MORE_2.0220202115005_20202202115216_0001 00000 Bioleacter Guilty The OCOOR Bioleacter Guilty CB_OFL_SH_MORE_2.0220202115005_20202202115216_0001 00000 Bioleacter Guilty The OCOR Bioleacter Guilty CB_OFL_SH_MORE_2.02202002118096_2020202115096_0001 00000 Bioleacter Guilty The OCOR Bioleacter Guilty CB_OFL_SH_MORE_2.02202002118096_2020202115096_0001 00000 Bioleacter Guilty The OCOR Bioleacter Guilty The OCOR Bioleacter Guilty CB_OFL_SH_MORE_2.02202002118096_20202021150910_0001 00000 Bioleacter Guilty The OCOR Bioleacter Guilty The OCOR Bioleacter Guilty CB_OFL_SH_MORE_2.02202002118091_20200007119010_2020001 00000 Bioleacter Guilty The OCOR Bioleacter Guilty The OCOR Bioleacter Guilty CB_OFL_SH_MORE_2.022020007119011_20200007119010_00001 00000 Bioleacter Guilty The OCOR Bioleacter Guilty The OCOR Bioleacter Guilty CB_OFL_SH_MORE_2.022020007119011_20200007119010_00001 00000 Bioleacter Guilty The OCOR Bioleacter Guilty The OCOR Bioleacter Guilty CB_OFL_SH_NORE_2.022020007120504 00000 Bioleacter Guilty | CS_OFFL_SIR_NOPN_2_20220202T124052_20220202T124518_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CDPT COOG Restantor Cuality Into COOG Range and Exclosation Cuality Flags have been set for one or more records CS_OFFL_SR_NOPNL_2_20220201116501_20220201116501_20220201116500_COOII COOG Alteretor Range Duality PLBM. The COOG Range and Exclosation Cuality Flags have been set for one or more records. CS_OFFL_SR_NOPNL_2_20220201116501_202202021116501_20220201116501_202200201116501_2020001_204000_00 The OCOO Alteret Range And Backscatter Cuality | CS_OFFL_SIR_NOPN_2_20220202T143836_20220202T144018_C001 | | |
| DO OFFL SIR NORM 2_8022002119309 DOOG Bioscenter Quiliy more records C5_OFFL_SIR_NORM_2_80220021193091_02220021191080_001 DOOG Almeter Range Quily PLM. DOOG Bioscenter Quily The OCOG Range and Backscenter Quily Flags have been set for one or more records C5_OFFL_SIR_NORM_2_80220021193091_02220021195096_0001 DOOG Almeter Range Quily PLM. DOOG Bioscenter Quily The OCOG Range and Backscatter Quily Flags have been set for one or more records C5_OFFL_SIR_NORM_2_80220021193915_02200221195916_0001 DOOG Almeter Range Quily PLM. DOOG Bioscenter Quily The OCOG Range and Backscatter Quily Flags have been set for one or more records C5_OFFL_SIR_NORM_2_80220021193916_0001 DOOG Almeter Range Quily PLM. The OCOG Range and Backscatter Quily Flags have been set for one or more records The OCOG Range and Backscatter Quily Flags have been set for one or more records C5_OFFL_SIR_NORM_2_80220021121417_0001 DOGG Almeter Range Quily PLM. The OCOG Range and Backscatter Quily Flags have been set for one or more records The OCOG Range and Backscatter Quily Flags have been set for one or more records C5_OFFL_SIR_NORM_2_80220007123440_1_90220007123440_1_9020007123440_2_90220007123440_2_90220007123440_2_90220007123440_2_90220007123440_2_90220007123440_2_9029007123440_2_90220007123440_2_90220007123440_2_90220007123440_2_90220007123440_2_90220007123440_2_90220007123440_2_90220007123440_2_90220007123440_2_90220007123440_2_90220007123440_2_9001 The OCOG Range and Backscatter Quily Flags have been set for one or more records C6_OFFL_SIR_NORM_2_90220007123440_2_90220007123440_2_90220007123440_2_90210001723440_2_90220007123440_2_90210001723440_2_9001 DOOG Ran | CS_OFFL_SIR_NOPN_2_20220202T150935_20220202T151201_C001 | | |
| DCD FIL_SPL_NOPR_2_20020027180805_0020108005_0001 DCOG Backstoatter Qualty more records DS_OFFIL_SPL_NOPR_2_20020027180805_0020118009_C001 DCOG Attimeter Range Qualty PLRM. The CCOG Range and Backscatter Qualty Flags have been set for one or more records DS_OFFIL_SPL_NOPR_2_20020027118010_2020020118009_C001 DCOG Attimeter Range Qualty PLRM. The CCOG Range and Backscatter Qualty Flags have been set for one or more records DS_OFFIL_SPL_NOPR_2_200200201118011_202200201118010_0001 DCOG Attimeter Range Qualty PLRM. The CCOG Range and Backscatter Qualty Flags have been set for one or more records DS_OFFIL_SPL_NOPR_2_200200201214910_001 DCOG Attimeter Range Qualty PLRM. The CCOG Range and Backscatter Qualty Flags have been set for one or more records DS_OFFIL_SPL_NOPR_2_200200217214910_2020020121215147_0001 DCOG Attimeter Range Qualty PLRM. The CCOG Range and Backscatter Qualty Flags have been set for one or more records DS_OFFIL_SPL_NOPR_2_202200217234421_202202012124642_0001 DCOG Attimeter Range Qualty PLRM. The CCOG Range and Backscatter Qualty Flags have been set for one or more records DS_OFFIL_SPL_NOPR_2_20220021723462_2001 DCOG Attimeter Range SMA SWH. The CCOG Range and Backscatter Qualty Flags have been set for one or more records DS_OFFIL_SPL_NOPR_2_20220021723463_2020021723642_001 DCOG Attimeter Range SMA SWH. The CCOG Range and Backscatter Qualty Flags have been set for one or more records </td <td>CS_OFFL_SIR_NOPN_2_20220202T151937_20220202T152116_C001</td> <td></td> <td></td> | CS_OFFL_SIR_NOPN_2_20220202T151937_20220202T152116_C001 | | |
| OPUTE_SIR_NOPN_2_2022020119451_20220021193519_0001 OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records OS_OFFL_SIR_NOPN_2_20220202119361_20220021193619_0001 OCOG Admeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OS_OFFL_SIR_NOPN_2_202202021139361_20220021193710_0001 OCOG Admeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_202202021214910_20220021215147_C001 Ocog Admeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_202202021214910_202200212151549_0001 OCOG Admeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_202202021224242 OCOG Admeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_202202021224262_20220212232609_C001 OCOG Admeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_202202021232626_202202021232609_C001 OCOG Admeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_202202021232626_20220221232609_C001 Ocom Admeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_202202021232626_20220221232609_C001254_C001 OCOG Admeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one | CS_OFFL_SIR_NOPN_2_20220202T180951_20220202T181058_C001 | | |
| US_OPEL_SIR_NOPR_2_2022002T193811_2022020T193710_0001 OCOG Backscatter Quality Incre records CS_OPEL_SIR_NOPR_2_2022002T193811_2022020T193710_0001 OCOG Alimeter Range Sush SWH and Backscatter Quality PLRM, COCOG Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records GS_OFFL_SIR_NOPN_2_2022020272326425_2020272326426_2022020272326426_202202027238476_2000001 COCOG Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records GS_OFFL_SIR_NOPR_2_202202027238476_20202027238476_2000001 COCOG Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records GS_OFFL_SIR_NOPR_2_202202027238262_2020207103016_20202020101554_C0011 COCOG Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_NOPN_2_20220202T182845_20220202T183009_C001 | | |
| OS_OFFL_SIR_NOPN_2_202202021214910_202202021215147_C001 OCOG Backscatter Quality Immer Recods OS_OFFL_SIR_NOPN_2_202202021214910_202202021215147_C001 Cean Altimeter Range, SSHA, SWH and Backscatter Quality Flags, have been VLIM. The OCOG Range and Backscatter Quality Flags, have been set for one or more records OS_OFFL_SIR_NOPN_2_202202021215439_C001 COCG Altimeter Range Quality PLIM, COCG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records OS_OFFL_SIR_NOPN_2_202202021224421_202202021223426_001 COCG Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records OS_OFFL_SIR_NOPN_2_202202021223426_0020021223426_001 Cocan Altimeter Range, SSHA, SWH and Backscatter Quality FLIM, COCG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records OS_OFFL_SIR_NOPN_2_202202021232426_0020021232609_C011 Cocan Altimeter Range, SSHA, SWH and Backscatter Quality FLIM, COCG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records OS_OFFL_SIR_NOPN_2_202202021232615_02020021233037_C001 Cocan Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records OS_OFFL_SIR_NOPR_2_20220202100300_020220020100325_C001 COCOG Altimeter Range Quality PLIM, COCG Backscatter Quality FLIM, COCGG Backscatter Quality PLIM, COCGG Backscatter Quality PL | CS_OFFL_SIR_NOPN_2_20220202T193451_20220202T193519_C001 | | |
| CS_OFFL_SIR_NOPN_2_202202027214910_20220207215147_C001 and Backscatter Quality PLMM_C000 Attimeter Range and Backscatter Quality PLMM_C000 Attimeter Range and Backscatter Quality PLMM_C000 Attimeter Range and Backscatter Quality PLMM_C000 C000 Attimeter Range Quality PLMM_C000 C000 Attimeter Range Quality PLMM_C000 Backscatter Quality PLMM_C000 C000 Attimeter Range Quality PLMM_C000 C000 Attimeter Range Quality PLMM_C000 C000 Attimeter Range Quality PLMM_C000 Docar Attimeter Range. SSHA, SWH and the C000 Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_202202027232426_202027232409_C001 C000 Attimeter Range. SSHA, SWH and Backscatter Quality PLMM_C000 Backscatter Quality PLMM_C000 Attimeter Range. SSHA, SWH and the C000 Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_202202027232426_202027232409_C001 C000 Attimeter Range. SSHA, SWH and Backscatter Quality PLMM_C000 Attimeter Range and Backscatter Quality Flags have been set for one or more cords CS_OFFL_SIR_NOPN_2_202202027232615_2022027233641_C001 C000 Attimeter Range Ad Backscatter Quality Flags and the C000 Attimeter Range and Backscatter Quality Flags and the C000 Attimeter Range and Backscatter Quality Flags and the C000 Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220202703020_202703025_C001 C000 Attimeter Range Ad Backscatter Quality Flags and the C000 Attimeter Range | CS_OFFL_SIR_NOPN_2_20220202T193611_20220202T193710_C001 | | |
| US_OFFL_SIR_NOPR_2_202202071234421_202202027224542_C001 OCCGG Backscatter Quality more records CS_OFFL_SIR_NOPR_2_202202071232426_20220272232609_C001 CCGG Altimeter Range Quality PLRM, OCCGG Altimeter Range and Backscatter Quality The OCCGG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality The OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_202202027233252_2022027203255_C001 OCCGG Altimeter Range Quality PLRM, OCCGG Altimeter Range Quality PLRM, OCCGG Altimeter Range Quality PLRM, OCCGG Altimeter Range Quality PLRM, OCCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_202202027003000_20220027003005_C001 OCCGG Altimeter Range, SSHA, SWH and Backscatter Quality The OCCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_202202021004504_20220027004643_C001 OCCGG Altimeter Range, SSHA, SWH and Backscatter Quality The OCCGG Altimeter Range, SSHA, SWH and Backscatter Quality The OCCGG Altimeter Range, SSHA, SWH and Backscatter Quality | CS_OFFL_SIR_NOPN_2_20220202T214910_20220202T215147_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_20220202T232426_20220202T232609_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_NOPN_2_20220202T232426_20220202T232609_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLags CS_OFFL_SIR_NOPN_2_20220202T232615_20220202T233041_C001 Milmeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLags CS_OFFL_SIR_NOPN_2_20220202T233252_2022022T233041_C001 Milmeter Range and Backscatter Quality The OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLags CS_OFFL_SIR_NOPN_2_20220202T233252_20220202T233337_C001 OCOG Altimeter Range Quality PLRM, OCOG The OCCG Range and Backscatter Quality FLags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220202T000901_2022020T001254_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220202T003000_2022020T003025_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLags and Backscatter Quality FLags, a | CS_OFFL_SIR_NOPN_2_20220202T215339_20220202T215543_C001 | | |
| CS_OFFL_SIR_NOPN_2_20220207232426_20220207232609_C001 and Backscatter Quality PLRM, CCCG and Backscatter Quality Flags have been af the OCGG Altimeter Range and Backscatter Quality Flags have been ast for one or more records CS_OFFL_SIR_NOPN_2_202202027232615_20220207233041_C001 Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been ast for one or more records CS_OFFL_SIR_NOPN_2_202202027233265_20220207233337_C001 OCCG Altimeter Range and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been ast for one or more records CS_OFFL_SIR_NOPN_2_202202027233252_20220207233337_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_202202027003001_202202027001254_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_202202027003000_20220207003025_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_202202021004504_20220207104643_C001 OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_202202021016811_202202021011417_C001 OCCG Altimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_202202021016811_202202021011721_C001 OCCG Altimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_NOPN_2_20220202T224421_20220202T224542_C001 | | |
| CS_OFFL_SIR_NOPN_2_2022027232615_2022027233041_C001 and Backscatter Quality PLRM_OCOG Allimeter Range and Backscatter Quality Flags. Name been Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_202202027233252_2022027233252_2022027233337_C001 OCOG 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_NOPR_2_202202027003000_20220202T003025_C001 OCCGA Ilimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Back | CS_OFFL_SIR_NOPN_2_20220202T232426_20220202T232609_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_20220202T000901_20220202T001254_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_NOPR_2_20220202T000901_20220202T001254_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_20220202T003000_20220202T003025_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_NOPR_2_20220202T004504_20220202T004643_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_20220202T010811_20220202T011417_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter 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_NOPR_2_20220202T010811_20220202T011417_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 PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20220202T011636_20220202T011721_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altim | CS_OFFL_SIR_NOPN_2_20220202T232615_20220202T233041_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_202202000001_20220201001254_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_NOPR_2_2022020200000_20220200000_2022020000025_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_NOPR_2_20220202T004504_2022020T004643_C001 OCOG Backscatter Quality PLRM, OCOG Backscatter Quality The OCCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220202T010811_2022020T014643_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_NOPR_2_2022020T010811_2022020T011417_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_NOPR_2_2022020T011636_2022002T011721_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_NOPR_2_20220202T011950_2022020T0112210_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_NOPR_2_20220202T011950_2022020T0112210_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality C | CS_OFFL_SIR_NOPN_2_20220202T233252_20220202T233337_C001 | | |
| CS_OFFL_SIR_NOPR_2_202202000000_202202000000_202202000000 | CS_OFFL_SIR_NOPR_2_20220202T000901_20220202T001254_C001 | | |
| CS_OFFL_SIR_NOPR_2_20220201004304_20220201004843_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_NOPR_2_20220202T010811_20220202T011417_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags CS_OFFL_SIR_NOPR_2_20220202T011636_2022020T011721_C001 Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20220202T011950_2022020T0112210_C001 And Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_NOPR_2_20220202T003000_20220202T003025_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_2022020T010811_2022020T011417_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_2022020T011636_2022020T011721_C001 and Backscatter Quality PLRM, OCOG 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, 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, SSHA, SWH and Backscatter Quality Flags hard the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags hard the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags hard backscatter Quality PLRM, Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags hard Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, or one or more records | CS_OFFL_SIR_NOPR_2_20220202T004504_20220202T004643_C001 | | |
| CS_OFFL_SIR_NOPR_2_20220202T011636_20220202T011721_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Ind Ocean Altimeter Range and Backscatter Quality CS_OFFL_SIR_NOPR_2_20220202T011950_2022020T012210_C001 and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags CS_OFFL_SIR_NOPR_2_20220202T011950_2022020T012210_C001 Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags Altimeter Range and Backscatter Quality Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags | CS_OFFL_SIR_NOPR_2_20220202T010811_20220202T011417_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_20220202T011950_20220202T012210_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality Flags and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags are recorded. | CS_OFFL_SIR_NOPR_2_20220202T011636_20220202T011721_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_20220202T011950_20220202T012210_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_20220202T012923_20220202T013045_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_20220202T033436_20220202T033639_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_20220202T042650_20220202T043430_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_20220202T051346_20220202T051626_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_20220202T060739_20220202T061527_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_20220202T073452_20220202T073635_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_20220202T074412_20220202T074701_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_20220202T074736_20220202T075805_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_20220202T083201_20220202T083322_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_20220202T092713_20220202T093437_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_20220202T093641_20220202T093957_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_20220202T104154_20220202T104312_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_20220202T110624_20220202T111145_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_20220202T113253_20220202T113603_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_20220202T120151_20220202T120401_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_20220202T120533_20220202T120604_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_20220202T124520_20220202T125222_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_20220202T125713_20220202T125729_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_20220202T130600_20220202T131413_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_20220202T140947_20220202T141219_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_20220202T142342_20220202T142848_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_20220202T160035_20220202T160926_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_20220202T160945_20220202T161217_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_20220202T173958_20220202T174929_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_20220202T175114_20220202T175313_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_20220202T205319_20220202T205504_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |
| | | |

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

L2 Quality Flags (1 Hz & 1 Hz PLRM)

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

188

62

138

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

Number of products with errors:

5.7 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.

19

1760

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.

Number of products with errors:

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 | 190 | 190 | 2 | 188 | 0 |
| SIR_NOPR1B | 129 | 129 | 0 | 129 | 0 |
| SIR_NOPN1B | 100 | 100 | 3 | 95 | 2 |
| SIR_NOPM_2 | 190 | 190 | 137 | 53 | 0 |
| SIR_NOPR_2 | 129 | 129 | 43 | 78 | 8 |
| SIR_NOPN_2 | 99 | 99 | 39 | 59 | 1 |

7.1 QCC Errors

Number of QCC reports with errors:

| SIR_NOPN1B 0 | 0 | 0 | - | | | | | |
|--------------|---|---|---|---|---|---|--|--|
| | 0 | 0 | 0 | 0 | 0 | 2 | | |
| SIR_NOPN_2 1 | 1 | 1 | 1 | 1 | 1 | 0 | | |
| SIR_NOPR_2 8 | 1 | 8 | 8 | 1 | 8 | 0 | | |

| Test Description Key: | | |
|-----------------------|--|---|
| Abbreviation | | 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 |
| RLOBOPNCDF | RangeLongitudeOrBlankOP_7NetCDF | Longitude should be between -180E7 and 180E7 - NetCDF |
| RL | RangeLongitude_6 | Longitude should be between -180E6 and 180E6 |
| RL | RangeLongitude_7 | Longitude should be between -180E7 and 180E7 |
| RRTAISSOPOBHRNCD | RangeRecordTAIStartStopOPOrBlankHRNetC | The time value should be between the record TAI start/stop times of the SPH |

7.2 QCC Warnings

Number of QCC reports with warnings

| | Total number of occurrences of each warning | | | | | | | |
|--------------|---|----------|--------------|------------|----------|-----------------|--------------------|--|
| Product Type | BCSHNCDF | IOHHMOOR | MVIOEPFDNCDF | MVIOEPNCDF | MVIONCDF | RBSZOPOEPFDNCDF | RBSZOPOEPFDPLRMNCD | |
| SIR_NOPM1B | 188 | 0 | 0 | 0 | 0 | 0 | 0 | |
| SIR_NOPM_2 | 0 | 0 | 42 | 40 | 0 | 41 | 0 | |
| SIR_NOPN1B | 97 | 0 | 0 | 0 | 0 | 0 | 0 | |
| SIR_NOPN_2 | 0 | 1 | 5 | 37 | 5 | 20 | 26 | |
| SIR_NOPR1B | 125 | 0 | 0 | 0 | 0 | 0 | 0 | |
| SIR_NOPR_2 | 0 | 8 | 27 | 43 | 0 | 20 | 21 | |

| Product Type | RBSZOPOEPNCDF | RNELPOTONCDF | RPEPOPFDLRMNCDF | RPEPOPFDPLRMSARNCE | RPEPOPFDPLRMSINNCD | RPEPOPFDSARNCDF | RPEPOPFDSINNCDF |
|--------------|---------------|--------------|-----------------|--------------------|--------------------|-----------------|-----------------|
| SIR_NOPM1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPM_2 | 36 | 0 | 35 | 0 | 0 | 0 | 0 |
| SIR_NOPN1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPN_2 | 12 | 0 | 0 | 0 | 24 | 0 | 38 |
| SIR_NOPR1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPR_2 | 8 | 1 | 0 | 45 | 0 | 55 | 0 |

| Product Type | RPEPOPLRMNCDF | RPEPOPSARNCDF | RPEPOPSINNCDF | RSSBCONCDF | RSSHAOFDNCDF | RSSHAOFDPLRMNCDF | RSSHAONCDF |
|--|--------------------|------------------------------|---------------------------------------|---------------------|------------------------------|--------------------------------------|------------|
| SIR_NOPM1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPM_2 | 32 | 0 | 0 | 5 | 33 | 0 | 2 |
| SIR_NOPN1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPN_2 | 0 | 0 | 32 | 8 | 42 | 50 | 28 |
| SIR_NOPR1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_NOPR_2 | 0 | 46 | 0 | 1 | 59 | 27 | 12 |
| | | | | | | | |
| | | | | | | | |
| Product Type | RSWHOEPFDNCDF | RSWHOEPFDPLRMNCDF | RSWHOEPNCDF | SOOHHIFHD | SCSTODHRNCDF | SCSTODNCDF | - |
| Product Type SIR_NOPM1B | RSWHOEPFDNCDF 0 | RSWHOEPFDPLRMNCDF | RSWHOEPNCDF 0 | SOOHHIFHD 0 | SCSTODHRNCDF 0 | SCSTODNCDF 0 | • |
| SIR_NOPM1B | | RSWHOEPFDPLRMNCDF 0 0 | RSWHOEPNCDF 0 3 | SOOHHIFHD 0 0 | SCSTODHRNCDF 0 0 | SCSTODNCDF 0 0 | - |
| SIR_NOPM1B | 0 | RSWHOEPFDPLRMNCDF 0 0 0 0 | RSWHOEPNCDF 0 3 0 | 0 | SCSTODHRNCDF 0 0 44 | SCSTODNCDF 0 0 0 | - |
| SIR_NOPM1B SIR_NOPM_2 SIR_NOPN1B | 0 41 | RSWHOEPFDPLRMNCDF 0 0 0 0 33 | RSWHOEPNCDF 0 3 0 13 | 0 | 0 | SCSTODNCDF 0 0 0 0 | - |
| SIR_NOPM1B SIR_NOPM_2 SIR_NOPN1B | 0 41 0 | 0 0 0 | RSWHOEPNCDF 0 3 0 13 0 | 0 | 0 0 44 0 | SCSTODNCDF 0 0 0 0 13 | • |

| 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 | 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 | | | | |
| RNELPOTONCDF | RangeNELPOceanTideOceanNetCDF | The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean | | | | |
| 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 | | | | |
| 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:

0