

QA4EO Daily Report for NOP data:

<u>30/12/2022</u>

IDEAS-QA4E0

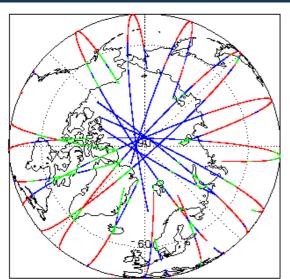
| Panart Production | 04-Jan-2023 | Check | L1 & L2 |
|---|--|---|-------------------------|
| Report Production: | 04-Jan-2023 | Server check: science-pds.cryosat.esa.int | Nominal |
| Processor Used: | CryoSat Ocean Processor | Server check: calval-pds.cryosat.esa.int | Nominal |
| Processor Used: | | Product Software Check | Nominal |
| Data Used: | Near Real Time Ocean Products (NOP) L1B & L2 Science Data | Product Format Check | Nominal |
| | | Product Header Analysis | Nominal |
| | | Auxiliary Data File Usage Check | Nominal |
| We would love to hear from you! Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2_qc_team@telespazio.com | | Auxiliary Correction Error Check | See Section 5.4 |
| | | Measurement Confidence Data Check | See Section 4.5, 4.6 |
| | | 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 |

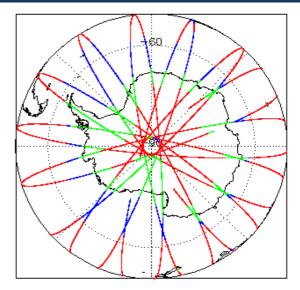
1. Overview

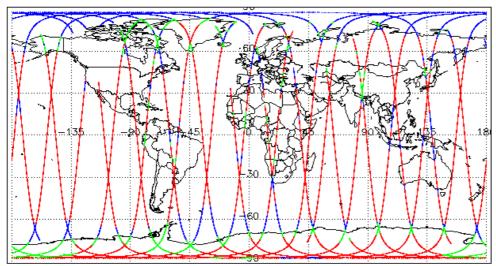
29-Dec-2022 None 30-Dec-2022 None 21 Dec 2022 Nothing plane

31-Dec-2022 Nothing planned

2. Global Coverage







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

SARIn

Mode Coverage

3. Instrument Configuration

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

| SIRAL instrument(s) in use: | SIRAL - A |
|-----------------------------|----------------|
| Star Tracker(s) in use: | Star Tracker 1 |

4. NOP Level 1B Data Quality Check

4.1 L1B Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a NetCDF product file (.nc). 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 inc | nonsistencies and/or errors raised by the ground-segment processing chain |
| | | because the I1b_processing_quality_hr field is not correctly configured in the OSAR and |
| OSARIn chains. A modification is required in the next release. | | |
| Number of products with errors: 0 | | |
| 4.3 L1B Auxilary Data File Usage Check | | |
| Each product is checked for missing Data Set Descriptors with respect to a pro | e-determined baseline and also t | to check the validity of Auxiliary Data Files is correct. |
| > Dynamic Atmospheric Correction: The DAC is missing in all products bec | ause the auxiliary files required a | 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 | | |
| CryoSat L1B data includes a correction error flag for each measurement recor | d. The bit value of this flag indica | ates any problems when set. |
| Number of products with errors: 0 | | |
| 4.5 L1B Measurement Confidence Data Check | | |
| CryoSat L1B data includes a measurement confidence flag for each measuren | nent record. The bit value of this | flag indicates any problems when set. |
| > Attitude Correction Missing: This flag is currently set in error for NOPR proupdated in the next SW update. Number of products with errors: | oducts due to a configuration iss | sue. The attitude correction is not actually missing, This is being investigated and will be |
| | | |
| 4.6 L1B Waveform Group Data Check | | |
| CryoSat L1B data includes a waveform data flag for each measurement record | I. The bit value of this flag indica | ates any problems when set. |
| Loss of Echo Flag: This flag is currently set for occasional products over la | nd, but this is to be expected. | |
| Number of products with errors: 15 | | |
| Product | Test Failed | Description |
| CS_OFFL_SIR_NOPM1B_20221230T083201_20221230T083514_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPM1B_20221230T084034_20221230T084522_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPM1B_20221230T164618_20221230T171929_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPM1B_20221230T193147_20221230T194357_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPM1B_20221230T211415_20221230T212522_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20221230T015728_20221230T015931_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20221230T032600_20221230T032620_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20221230T064855_20221230T065004_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20221230T082247_20221230T082458_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20221230T100201_20221230T100649_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| S_OFFL_SIR_NOPN1B_20221230T194752_20221230T195049_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20221230T222809_20221230T222952_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20221230T054110_20221230T054810_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20221230T191010_20221230T191508_C001 CS_OFFL_SIR_NOPR1B_20221230T194357_20221230T194607_C001 | Loss of Echo Loss of Echo | The tracking echo is missing for one or more records The tracking echo is missing for one or more records |
| 5. 10 | OP Level 2 Data Qu | |
| | JP Level 2 Data Qu | |
| 5.1 L2 Product Format Check | | |
| Each product, retrieved and unpacked from the science server, is checked to e | ensure it consists of both an XM | L header file (.HDR) and a NetCDF product file (.nc). |
| Number of products with errors: 0 | | |
| 5.2 L2 Product Header Analysis | | |
| or all products, a series of pre-defined checks are performed on the MPH and | SPH in order to identify any inc | consistencies 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 pro | e-determined baseline and also t | to check the validity of Auxiliary Data Files is correct. |
| Vind Model File Usage: This file is currently not included in all L2 products. | | |
| Number of products with errors: 0 | | |

5.4 L2 Auxiliary Correction Error Check

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

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

> ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric 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:

Product

Description

| CS OFFL SIR NOPM 2 20221230T131226 20221230T131313 C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or |
|---|---|--|
| | Mean Sea Surface (1), Mean Dynamic | more records There is an error with the MSS height (solution 1), the Mean Dynamic |
| CS_OFFL_SIR_NOPM_2_20221230T212740_20221230T212824_C001 | Topography (1), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | Topography (solution 1), the Total Geocentric Ocean Tide (solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records |
| CS_OFFL_SIR_NOPM_2_20221230T225703_20221230T225851_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_20221230T022745_20221230T022910_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_20221230T040729_20221230T041004_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_20221230T041331_20221230T041705_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_20221230T054810_20221230T055044_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_20221230T064316_20221230T064437_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_20221230T072342_20221230T072930_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_20221230T081743_20221230T081843_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_20221230T082247_20221230T082458_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_20221230T090536_20221230T090717_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_20221230T091559_20221230T091804_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_20221230T100201_20221230T100649_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_20221230T122447_20221230T122841_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_20221230T140436_20221230T140748_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_20221230T144905_20221230T145031_C001 | Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) | There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records |
| CS_OFFL_SIR_NOPN_2_20221230T154217_20221230T154630_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_20221230T155205_20221230T155330_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_20221230T172953_20221230T173138_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_20221230T181345_20221230T181439_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_20221230T190751_20221230T191010_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_20221230T195142_20221230T195354_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_20221230T203805_20221230T204001_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_20221230T204648_20221230T205025_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_20221230T221817_20221230T222047_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_20221230T222809_20221230T222952_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_20221229T235925_20221230T000705_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_20221230T063634_20221230T064141_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_20221230T064141_20221230T064316_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_20221230T113702_20221230T114229_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_20221230T130517_20221230T130705_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_20221230T131612_20221230T132405_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_20221230T145415_20221230T150355_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_20221230T163542_20221230T164258_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_20221230T181439_20221230T182020_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_20221230T195354_20221230T200044_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_20221230T212522_20221230T212739_C001 | | There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records |
| CS_OFFL_SIR_NOPR_2_20221230T213218_20221230T213736_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_20221230T231030_20221230T231914_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |

5.5 L2 Measurement Confidence Data Check

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

 Number of products with errors:
 0

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_20221230T001726_20221230T001923_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_20221230T002025_20221230T004614_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_20221230T004930_20221230T005740_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_20221230T010222_20221230T013514_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_20221230T014809_20221230T014922_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_20221230T021419_20221230T021643_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_20221230T021903_20221230T022431_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_20221230T022910_20221230T023430_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_20221230T024103_20221230T030239_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_20221230T030525_20221230T031509_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_20221230T032633_20221230T033100_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_20221230T034648_20221230T035134_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_20221230T035322_20221230T040347_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_20221230T042019_20221230T042519_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_20221230T042537_20221230T045207_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_20221230T050951_20221230T051651_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_20221230T051714_20221230T054110_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_20221230T055044_20221230T055238_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_20221230T055525_20221230T055714_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_20221230T055932_20221230T060521_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_20221230T061612_20221230T061659_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_20221230T062116_20221230T062757_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_20221230T063011_20221230T063022_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_20221230T063246_20221230T063431_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_20221230T064438_20221230T064854_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_20221230T065005_20221230T065600_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_20221230T065612_20221230T070349_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_20221230T070430_20221230T070543_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_20221230T071203_20221230T072342_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_20221230T073224_20221230T073647_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_20221230T073902_20221230T074536_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_20221230T074619_20221230T075329_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_20221230T075508_20221230T080920_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_20221230T081106_20221230T081110_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_20221230T083646_20221230T083911_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_20221230T084034_20221230T084522_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_20221230T084804_20221230T090415_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_20221230T090717_20221230T091558_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_20221230T091823_20221230T094046_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_20221230T094808_20221230T094816_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_20221230T100919_20221230T104259_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_20221230T104637_20221230T104823_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_20221230T104924_20221230T105354_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_20221230T105742_20221230T112425_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_20221230T115512_20221230T122101_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_20221230T122841_20221230T123432_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_20221230T123705_20221230T125703_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_20221230T125728_20221230T130308_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_20221230T130506_20221230T130517_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_20221230T132700_20221230T140059_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_20221230T140749_20221230T141305_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_20221230T141945_20221230T142213_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_20221230T150639_20221230T151552_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_20221230T151838_20221230T154017_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_20221230T154631_20221230T154751_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_20221230T154758_20221230T155205_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_20221230T155659_20221230T160711_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_20221230T160858_20221230T161612_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_20221230T164618_20221230T171929_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_20221230T172132_20221230T172650_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_20221230T172710_20221230T172953_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_20221230T173751_20221230T180758_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_20221230T182849_20221230T184112_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_20221230T184316_20221230T185831_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_20221230T190047_20221230T190549_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
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| CS_OFFL_SIR_NOPM_2_20221230T190627_20221230T190751_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_20221230T191508_20221230T192528_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_20221230T193147_20221230T194357_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_20221230T200539_20221230T200559_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_20221230T201854_20221230T202120_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_20221230T202316_20221230T203734_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_20221230T204001_20221230T204500_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_20221230T204508_20221230T204520_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_20221230T204526_20221230T204535_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_20221230T204542_20221230T204648_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_20221230T205153_20221230T211321_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_20221230T211415_20221230T212522_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_20221230T214551_20221230T214624_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_20221230T215315_20221230T221446_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_20221230T222047_20221230T222418_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_20221230T222440_20221230T222809_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_20221230T223103_20221230T225701_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_20221230T225703_20221230T225851_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_20221230T232156_20221230T235557_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_20221230T235831_20221231T000333_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_20221230T004806_20221230T004929_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_20221230T095128_20221230T095146_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_20221230T131521_20221230T131533_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_20221230T140436_20221230T140748_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_20221230T194752_20221230T195049_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_20221230T031700_20221230T031717_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| | 1 | 1 |

| CS_OFFL_SIR_NOPR_2_20221230T081646_20221230T081743_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_20221230T131612_20221230T132405_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_20221230T144308_20221230T144526_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_20221230T164300_20221230T164303_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_20221230T164430_20221230T164441_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_20221230T182656_20221230T182657_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_20221230T195354_20221230T200044_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_20221230T000834_20221230T000923_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_20221230T013724_20221230T013859_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_20221230T015055_20221230T015218_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_20221230T015728_20221230T015931_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_20221230T021313_20221230T021419_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_20221230T034318_20221230T034648_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_20221230T040729_20221230T041004_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_20221230T041331_20221230T041705_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_20221230T054810_20221230T055044_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_20221230T072342_20221230T072930_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_20221230T081743_20221230T081843_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_20221230T082247_20221230T082458_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_20221230T082611_20221230T082840_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_20221230T084522_20221230T084804_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_20221230T091559_20221230T091804_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_20221230T094236_20221230T094547_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_20221230T100201_20221230T100649_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_20221230T104512_20221230T104637_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_20221230T113645_20221230T113702_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_20221230T122447_20221230T122841_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_20221230T123433_20221230T123559_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_20221230T131109_20221230T131151_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_20221230T131313_20221230T131333_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_20221230T141305_20221230T141415_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_20221230T154217_20221230T154630_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_20221230T155205_20221230T155330_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_20221230T171959_20221230T172132_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_20221230T190751_20221230T191010_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_20221230T192613_20221230T192634_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_20221230T192858_20221230T192934_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_20221230T194752_20221230T195049_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_20221230T214911_20221230T215239_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_20221230T221817_20221230T222047_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_20221230T232101_20221230T232156_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_20221229T235925_20221230T000705_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_20221230T000924_20221230T000953_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_20221230T005855_20221230T010222_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_20221230T033430_20221230T033439_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_20221230T041705_20221230T042019_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_20221230T045207_20221230T045428_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_20221230T045649_20221230T045821_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_20221230T050510_20221230T050616_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_20221230T050644_20221230T050904_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_20221230T054110_20221230T054810_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_20221230T063153_20221230T063155_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_20221230T063203_20221230T063221_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_20221230T063634_20221230T064141_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_20221230T064141_20221230T064316_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_20221230T070544_20221230T070644_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_20221230T070647_20221230T070757_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_20221230T081646_20221230T081743_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_20221230T082458_20221230T082611_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_20221230T094208_20221230T094236_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_20221230T104259_20221230T104512_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_20221230T105615_20221230T105742_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_20221230T113702_20221230T114229_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_20221230T122101_20221230T122447_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_20221230T125703_20221230T125728_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_20221230T130309_20221230T130407_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_20221230T130517_20221230T130705_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_20221230T131019_20221230T131109_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_20221230T131612_20221230T132405_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_20221230T141415_20221230T141728_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_20221230T142213_20221230T142535_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_20221230T144308_20221230T144526_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_20221230T144731_20221230T144905_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_20221230T145415_20221230T150355_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_20221230T154017_20221230T154217_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_20221230T163542_20221230T164258_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_20221230T181439_20221230T182020_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_20221230T182106_20221230T182202_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_20221230T182719_20221230T182730_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_20221230T191010_20221230T191508_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_20221230T192935_20221230T193146_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_20221230T194357_20221230T194607_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_20221230T195049_20221230T195141_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_20221230T195354_20221230T200044_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_20221230T201429_20221230T201854_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_20221230T213218_20221230T213736_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_20221230T213810_20221230T213923_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_20221230T215239_20221230T215315_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_20221230T222952_20221230T223103_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_20221230T231030_20221230T231914_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| | | |

L2 Quality Flags (1 Hz & 1 Hz PLRM)

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

194

56

145

> 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.

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 | 204 | 204 | 5 | 199 | 0 |
| SIR_NOPR1B | 168 | 168 | 0 | 168 | 0 |
| SIR_NOPN1B | 111 | 111 | 5 | 106 | 0 |
| SIR_NOPM_2 | 204 | 204 | 144 | 60 | 0 |
| SIR_NOPR_2 | 168 | 168 | 94 | 72 | 2 |
| SIR_NOPN_2 | 111 | 111 | 43 | 68 | 0 |

7.1 QCC Errors

| Number of QCC reports with errors: 5 | | | | | | | | | | | |
|--|-----------|----|------------|----|---|---|---|---|---|---|---|
| Total number of occurrences of each error | | | | | | | | | | | |
| Product Type R | LOBOPNCDF | RL | RLOBOPNCDF | RL | - | - | - | - | - | - | - |
| SIR_NOPR_2 | 2 | 2 | 2 | 2 | | | | | | | |

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

7.2 QCC Warnings

Number of QCC reports with warnings Total number of occurrences of each warning RBSZOPOEPFDPLRMNCD IOHHMOOR BCSHNCDF MVIOEPFDNCDF MVIOEPNCDF RBSZOPOEPFDNCDF Product Type MVIONCDF SIR NOPM1B SIR NOPM 2 11 0 27 0 23 0 SIR_NOPN1B SIR NOPN 2 0 SIR_NOPR1B SIR_NOPR_2 RPEPOPFDLRMNCDF RPEPOPFDPLRMSARNCCRPEPOPFDPLRMSINNCD RPEPOPFDSARNCDF RBSZOPOEPNCDF RNELPOTONCDF RPEPOPFDSINNCDF Product Type SIR_NOPM1B SIR_NOPM_2 SIR_NOPN1B 0 0 0 SIR NOPN 2 0 0 0 SIR_NOPR1B SIR_NOPR_2 Product Type SIR_NOPM1B RPEPOPLRMNCDF RPEPOPSARNCDF RPEPOPSINNCDF RSSBCONCDF RSSHAOFDNCDF RSSHAOFDPLRMNCDF RSSHAONCDF 0 0 SIR_NOPM_2 SIR_NOPN1B 22 0 0 SIR_NOPN_2 SIR_NOPR1B SIR_NOPR_2 Product Type SIR_NOPM1B RSWHOEPFDNCDF RSWHOEPFDPLRMNCDF RSWHOEPNCDF SPHRTASCNSNCDF SPHRTASCNSNCDF SOOHHIFHD SCSTODHRNCDF SIR NOPM 2 SIR NOPN1B SIR NOPN 2 SIR_NOPR1B SIR_NOPR_2

| HBSZOPOEPFUNCUP HaligesackscattersigmazeroOPOceanExcludingPolarD2RetUP between -70 and 70 degrees RBSZOPOEPFDPLRM RangeBackscatterSigmaZeroOPOceanExcludingPolarED2RLRMNetCDF 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 RangePackinessExcludingPolarOPFD2LRMNetCDF The backscatter sigma zero should be between 70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees RPEPOPFDLRMSAR RangePackinessExcludingPolarOPFD2LRMSARNECDF The Peakiness should be between 0 and 4600 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees RPEPOPFDLRMSAR RangePackinessExcludingPolarOPFD2PLRMSARNECDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees RPEPOPFDLRMSINN RangePackinessExcludingPolarOPFD2PLRMSINNECDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees RPEPOPFDLRMSINN RangePackinessExcludingPolarOPFD2PLRMSINNECDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees RPEPOPFDSINNCDF | Test Description Key: | | | | | |
|---|-----------------------|---|---|--|--|--|
| IDHMOOR IndexOfT Hon20H2AlappingQutOfRange The mapping of 20 Hz to 11 hz measurements should be in the range 0 to (number of 11 Hz samples-1). MVIOEPFUNCDF MissingValueIntOceanExcludingPolar/ED2NetCDF The value should not be a missing value' for surface type 0 only for tathudes between -70 and 70 degrees. MVIOEPCDF MissingValueIntOceanExcludingPolar/ED2NetCDF The value should not be a missing value' for surface type 0 only. RBSZOPOEPFDOLPF RangeBackacater/SigmaZevOPOceanExcludingPolar/ED2NetCDF The backacater sigma zero and 700 (cm missing) for surface type - ocean for tathudes between 70 and 7500 (cm missing) for surface type - ocean for tathudes between 70 and 7500 (cm missing) for surface type - ocean for tathudes between 70 and 7500 (cm missing) for surface type - ocean for tathudes between 70 and 7500 (cm missing) for surface type - ocean for tathudes between 70 and 7500 (cm missing) for surface type - ocean for tathudes between 70 and 7500 (cm missing) for surface type - ocean for tathudes between 70 and 700 queres. RNELPOTONCOF RangeNetAnOceanTedCoF The backacater sigma zero and to determ 70 and 7500 (cm missing) for surface type - ocean for tathudes between 70 and 700 queres. RPEPOFEDLINKNCDF RangeNetAnoceanTedCoF The backacater sigma zero should be between 70 and 7500 (cm missing) for surface type - ocean for tathudes between 70 and 700 queres. RPEPOFEDLINKNCDF RangeNetAnoceanTedCoF The Peakiness should be between 70 and 7500 (cm missing) for surface type - ocean for tathudes between 70 and 70 degrees. | Abbreviation | Test name | Details | | | |
| MVICEPEPDNODF MasingValueInt/DeamExcludingPolar/PD2NetCDF The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees. MVIOEPNODF MasingValueInt/DeamExcludingPolar/PD2NetCDF The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees. MVIONEDF MasingValueInt/DeamExcludingPolar/PD2NetCDF The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 750 degrees RPEPOPEDL | BCSHNCDF | BurstCounterStep20HzNetCDF | The burst counter should be one higher with regard to the previous burst counter | | | |
| NVICEPNCDF Missing ValueIntiCeanExcludingPolerNetCDF The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees MVIONCDF Missing ValueIntiCeanExcludingPolerDEXenCDF The value should not be a 'missing value' for surface type 0 only RBSZOPOCEFEDPLEM RangeBackscatterSigmaZeroDPOceanExcludingPolarED2PLENMetCDF The backscatter sigma zeroDPOceanExcludingPolarED2PLENMetCDF RBSZOPOCEFEDPLEM RangeBackscatterSigmaZeroDPOceanExcludingPolarED2PLENMetCDF The backscatter sigma zeroDPOceanExcludingPolarED2PLENMetCDF RBSZOPOCEFEDLEM RangeNELPOceanTideCoeanNetCDF The backscatter sigma zeroDPOceanExcludingPolarED2PLENMetCDF RNELPOTONCDF RangeNELPOceanTideCoeanNetCDF The backscatter sigma zeroDPOceanExcludingPolarNetCDF RPEPOFFDLEMNSOP RangePeakinessExcludingPolarOFPD2LENMARCDF The Peakiness biold be between 70 and 7600 (or missing) for surface type - ocean for latitudes between 70 and 70 degrees RPEPOFFDLENNSOP RangePeakinessExcludingPolarOFPD2LENMARCDF The Peakiness biold be between 0 and 5000 (or missing) for surface type - ocean for latitudes between 70 and 70 degrees RPEPOFFDLENNSOP RangePeakinessExcludingPolarOFPD2LENMARCDF The Peakiness biold be between 0 and 5000 (or missing) for surface type - ocean for latitudes between 70 and 70 degrees RPEPOFFDLENNSOP RangePeakinessExcludingPolarOFPD2RLINMSARNMCDF <td< td=""><td>IOHHMOOR</td><td>IndexOf1Hzin20HzMappingOutOfRange</td><td>The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1)</td></td<> | IOHHMOOR | IndexOf1Hzin20HzMappingOutOfRange | The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1) | | | |
| MVIONCDF Mesing/ValueIn/CoeanNatCDF The value should not be a 'missing value' for surface type = 0 only RBSZOPOEFDNDCP PargeBackscatterSigmaZeroOPOceanExcludingPolar/DDNetCDF The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = coean for lathit RBSZOPOEFDLRM PargeBackscatterSigmaZeroOPOceanExcludingPolar/DDPLRMNetCDF The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = coean for lathit RBSZOPOEFDLRM PargeBackscatterSigmaZeroOPOceanExcludingPolar/BD2PLRMNetCDF The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = coean for lathit RNELPOTONCDF PargeBackscatterSigmaZeroOPOceanExcludingPolar/BD2PLRMNetCDF The Non-equilitrum role pperiod coean lading tob height should be between -40mm and 40mm (or missing) for surface type = coean for lathitdes between - and 70 degrees RNELPOTONCDF PargePackinessExcludingPolarOPED2LRMNetCDF The Packiness should be between 0 and 5000 (or missing) for surface type = coean for lathitdes between - and 70 degrees RNELPOTONCDF PargePackinessExcludingPolarOPED2FLRMNetCDF The Packiness should be between 0 and 5000 (or missing) for surface type = coean for lathitdes between - and 70 degrees RNEDPOFPDLRMNCDF PargePackinessExcludingPolarOPED2FLRMNetCDF The Packiness should be between 0 and 5000 (or missing) for surface type = coean for lathitdes between - and 70 degrees RPEPOPFDISINNCDF PargePacki | MVIOEPFDNCDF | MissingValueIntOceanExcludingPolarFD2NetCDF | The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees | | | |
| RBS2DPOEPFDNDCP PageBackscatterSigmaZeroOPCeenExcludingPolarFD2NetCDF The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for lath between 70 and 7500 (or missing) for surface type = ocean for lath between 70 and 7500 (or missing) for surface type = ocean for lath between 70 and 7500 (or missing) for surface type = ocean for lath between 70 and 7500 (or missing) for surface type = ocean for lath between 70 and 7500 (or missing) for surface type = ocean for lath between 70 and 7500 (or missing) for surface type = ocean for lath between 70 and 7500 (or missing) for surface type = ocean for lath between 70 and 7500 (or missing) for surface type = ocean for lath between 70 and 7500 (or missing) for surface type = ocean for lath between 70 and 7500 (or missing) for surface type = ocean for lath between 70 and 700 grees RPEPOPFDLRMNDDF RangeBackscatterSigmaZeroOPCD2FINNetCDF The Pasinges should be between 0 and 6400 (or missing) for surface type = ocean for lath between 70 and 70 degrees RPEPOPFDLRMSINN CDF RangeBackscatterSigmaZeroOPCD2FINNECDF The Pasinges should be between 0 and 5000 (or missing) for surface type = ocean for lathudes between and 70 degrees RPEPOPFDLRMNCDF RangeBackinesExcludingPolarOPFD2SINNECDF The Pasinges should be between 0 and 5000 (or missing) for surface type = ocean for lathudes between and 70 degrees RPEPOPFDISINNCDF RangeBackinesExcludingPolarOPFD2SINNetCDF The Pasinges should be between 0 and 9000 (or missing) for surface type = ocean for lathudes between and 70 degrees RPEPOPSINNCDF RangeBackinesExcludingPolarOPFD2SINNetCDF The Pasinges should | MVIOEPNCDF | MissingValueIntOceanExcludingPolarNetCDF | The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees | | | |
| History Corport Image Backscatter Signazero PO coan Excluding Polar D20 RUNKLOP between 70 and 7500 (or missing) for surface type = ocean for tallit RESZOPCEFEPLRIM NCDF Range Backscatter Signazero PO coan Excluding Polar PD2PLRMNetCDF The backscatter signazero should be between 700 and 7500 (or missing) for surface type = ocean for tallit between 700 and 7500 (or missing) for surface type = ocean for tallit between 700 and 7500 (or missing) for surface type = ocean for tallitudes between 700 and 7500 (or missing) for surface type = ocean for tallitudes between 700 and 7500 (or missing) for surface type = ocean for tallitudes between 700 and 700 (or missing) for surface type = ocean for tallitudes between 700 and 700 (or missing) for surface type = ocean for tallitudes between 700 and 700 (or missing) for surface type = ocean for tallitudes between 700 and 700 (or missing) for surface type = ocean for tallitudes between 700 and 700 (or missing) for surface type = ocean for tallitudes between 700 and 700 (or missing) for surface type = ocean for tallitudes between 700 and 700 (or missing) for surface type = ocean for tallitudes between 700 and 700 (or missing) for surface type = ocean for tallitudes between 700 degrees RPEPOPEDLRMSIND RangePeakinessExcludingPolarOPED2SINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for tallitudes between 700 degrees RPEPOPEDSINNCDF RangePeakinessExcludingPolarOPEDSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for tallitudes between 70 degrees RPEPOPEDSINNCDF RangePeakinessExcludingPolarOPESANNetCDF The Peakiness should be between 0 and 90000 (or missing) for sur | MVIONCDF | MissingValueIntOceanNetCDF | The value should not be a 'missing value' for surface type 0 only | | | |
| NCDF HangeBackscatterSigmaZer0OPCeanExcludingPolarH22PLMMetCDF between 7 and 7 begrees RBSZOPCEPNCDF RangeBackscatterSigmaZer0OPCeanExcludingPolarNetCDF The harkscatter sigma zone should be between 700 and 7500 (or missing) for surface type – ocean for latitudes between 40mm and 40mm (or missing) RPELPOFDINCDF RangeBackscatterSigmaZer0OPCeanExcludingPolarNetCDF The harkscatter sigma zone should be between 700 and 7500 (or missing) for surface type – ocean for latitudes between 40mm and 40mm (or missing) RPEPOPFDIRMNCDF RangePeakinessExcludingPolarOFD2LRMARLOF The Peakiness becauld be between 0 and 6400 (or missing) for surface type – ocean for latitudes between 700 and 700 egrees RPEPOPFDIRMSINN RangePeakinessExcludingPolarOFD2LRMARLOF The Peakiness becauld be between 0 and 90000 (or missing) for surface type – ocean for latitudes between 70 and 70 egrees RPEPOPFDRISINCDF RangePeakinessExcludingPolarOFD22RMSINECDF The Peakiness becauld be between 0 and 90000 (or missing) for surface type – ocean for latitudes between 70 and 70 egrees RPEPOPFDISINCDF RangePeakinessExcludingPolarOFD2SINNetCDF The Peakiness broud be between 0 and 90000 (or missing) for surface type – ocean for latitudes between 70 and 70 egrees RPEPOPFDISINNCDF RangePeakinessExcludingPolarOFD2SINNetCDF The Peakiness broud be between 0 and 90000 (or missing) for surface type – ocean for latitudes between 70 and 70 egrees RPEPOPSINNCDF RangePeakinessExcludingPo | 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 | | | |
| RESEDPOEPNOLDF Nampleadoscantarcounding/olarNetCDF Determent Output RNELPOTONCDF RangeNELPOceanTideOceanNetCDF The Non-equilibrium tong period ocean loading tide height should be between -40mm and 40mm (or missing) RPEPOPFDLRMNCDF RangeNELPOceanTideOceanNetCDF The Peakiness Should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between - and 70 degrees RPEPOPFDLRMSINN RDEPOPFDLRMSINN RDEPOPFDLRMSINN RDEPOPFDLRMSINN RDEPOPFDLRMSINN RDEPOPFDLRMSINN RDEPOPFDLRMSINN RDEPOPFDLRMSINN RDEPOPFDLRMSINN RDEPOPFDLRMSINN RDEPOPFDLRMSINN RDEPOPFDLRMSINN RDEPOPFDLRMSINN RDEPOPFDLRMSINN RDEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2LRMSINNetCDF The Peakiness should be between 0 and 50000 (or missing) for surface type = ocean for latitudes between and 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 50000 (or missing) for surface type = ocean for latitudes between and 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 50000 (or missing) for surface type = ocean for latitudes between and 70 degrees RPEPOPFDRSINNCDF RangePeakinessExcludingPolarOPSINNetCDF The Peakiness should be between 0 and 50000 (or missing) for surface type = ocean for latitudes between and 70 degrees RPEPOPSINNCDF RangeReakinessExcludingPolarOPSINNetCDF The Peakiness should be between 0 and 50000 (or missing) for surface type = ocean for latitudes between and 70 | | RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF | The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| HNELPOOLENUDF ParageNetProcean IndexCeanNetCDF Surface type = ocean The Peakiness Should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between - and 70 degrees REPEOPFDPLRMNCDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between - and 70 degrees REPEOPFDPLRMSINN RangePeakinessExcludingPolarOPFD2PLINKSARNetCDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between - and 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2RLMNEtCDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between - and 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 50000 (or missing) for surface type = ocean for latitudes between - and 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 5000 (or missing) for surface type = ocean for latitudes between - and 70 degrees RPEPOPSINNCDF RangePeakinessExcludingPolarOPSINNetCDF The Peakiness should be between 0 and 5000 (or missing) for surface type = ocean for latitudes between - and 70 degrees RPEPOPSINNCDF RangePeakinessExcludingPolarOPSINNetCDF The Peakiness should be between 0 and 5000 (or missing) for surface type = ocean for latitudes between - and 70 degrees RPEPOPSINNCDF RangeSeaStateBiasCorrectionOceanNetCDF Th | 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 | | | |
| HPEPOPDELMINICUP and 70 degrees APPCPOFEDERMSAR NCDF RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for lalitudes between and 70 degrees RPEPOPEDELMSINN RPEPOPFDELMSINN RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for lalitudes between and 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for lalitudes between and 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for lalitudes between and 70 degrees RPEPOPSINNCDF RangePeakinessExcludingPolarOPLRMNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for lalitudes between and 70 degrees RPEPOPSINNCDF RangePeakinessExcludingPolarOPLRMNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for lalitudes between and 70 degrees RPEPOPSINNCDF RangePeakinessExcludingPolarOPSARNetCDF The Peakiness should be between - 300 mm and 90000 (or missing) for surface type = ocean for lalitudes between and 70 degrees RSBEONCDF RangeSeaSurfaceHeightAnomalyCoceanFD3NetCDF The seas surface height anomaly should be between - 500mm and 9000mm (or missing) for surface type = ocean for lalitudes between and 70 | RNELPOTONCDF | RangeNELPOceanTideOceanNetCDF | The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean | | | |
| NCDF HangeYeakinessExcludingPolar/OPE/PLMSINNetCDF and 70 degrees And 70 degrees RPEPOPFDPLRMSINN RangePeakinessExcludingPolar/OPE/PLSARNECDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between and 70 degrees RPEPOPFDSARNCDF RangePeakinessExcludingPolar/OPFD2SARNECDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between and 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolar/OPFD2SINNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between and 70 degrees RPEPOPLRMNCDF RangePeakinessExcludingPolar/OPSARNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between and 70 degrees RPEPOPSINNCDF RangePeakinessExcludingPolar/OPSARNetCDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between and 70 degrees RPEPOPSINNCDF RangePeakinessExcludingPolar/OPSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between and 70 degrees RSBCONCDF RangePeakinessExcludingPolar/OPSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between and 70 degrees RSSBCONCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF The sea surface height anomaly should be between - | RPEPOPFDLRMNCDF | RangePeakinessExcludingPolarOPFD2LRMNetCDF | The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| CDF HangePeakinessExcludingPolarOPFD2FLSARNetCDF and 70 degrees the track RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2SARNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between and 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between - and 70 degrees RPEPOPLRMNCDF RangePeakinessExcludingPolarOPSARNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between - and 70 degrees RPEPOPSARNCDF RangePeakinessExcludingPolarOPSARNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between - and 70 degrees RSBECONCDF RangePeakinessExcludingPolarOPSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between and 70 degrees RSSBCONCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF The sea surface height anomaly should be between -3000mm and 3000m (or missing) for surface type = ocean RSSHAOFDPLRMNCD RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean RSSHAOFDFLRMNCD RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF The sea surface height anomaly should be between -3000mm and 3000mm (or m | | RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF | The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF and 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between - and 70 degrees RPEPOPLRMNCDF RangePeakinessExcludingPolarOPLRMNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between - and 70 degrees RPEPOPSINNCDF RangePeakinessExcludingPolarOPSARNetCDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between - and 70 degrees RSBCONCDF RangePeakinessExcludingPolarOPSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between and 70 degrees RSSBCONCDF RangeSeaStateBiasCorrectionOceanNetCDF The sea surface height anomaly should be between - 500mm and 0mm (or missing) for surface type = ocean RSSHAOFDNCDF RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF The sea surface height anomaly should be between - 3000mm and 3000mm (or missing) for surface type = ocean for latitudes between - cocean RSSHAONCDF RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF The sea surface height anomaly should be between - 3000mm and 3000mm (or missing) for surface type = ocean for latitudes between - 70 and 70 degrees RSWHOEPFDNCDF RangeSeaSurfaceHeightAnomalyOceanExcludingPolarFD2NetCDF The sea surface height anomaly should be between - 3000mm and 3000mm | | RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF | The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPPDSINNCDF RangePeakinessExcludingPolarOPLAMNetCDF and 70 degrees RPEPOPLRMNCDF RangePeakinessExcludingPolarOPLAMNetCDF The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -3 and 70 degrees RPEPOPSARNCDF RangePeakinessExcludingPolarOPSARNetCDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between and 70 degrees RPEPOPSINNCDF RangePeakinessExcludingPolarOPSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between and 70 degrees RSSBCONCDF RangeSeaStateBiasCorrectionOceanNetCDF The sea state bias correction should be between -3000mm and 3000mm (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 RSSHAOFDPLRMNCDF RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean for latitudes between -3000mm and 3000mm (or missing) for surface type = ocean for latitudes between -3000mm and 3000mm (or missing) for surface type = ocean for latitudes between -3000mm and 3000mm (or missing) for surface type = ocean for latitudes between -3000mm and 3000mm (or missing) for surface type = ocean for latitudes between -3000mm and 3000mm (or missing) for surface type = ocean for latitudes between -30 and 70 degrees RSSHAOFDPLRMNCDF </td <td>RPEPOPFDSARNCDF</td> <td>RangePeakinessExcludingPolarOPFD2SARNetCDF</td> <td>The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees</td> | RPEPOPFDSARNCDF | RangePeakinessExcludingPolarOPFD2SARNetCDF | The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPLEMINUDJP HangePeakinessExcludingPolarOPLENINVECDP and 70 degrees RPEPOPSARNCDF RangePeakinessExcludingPolarOPSARNetCDF The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between and 70 degrees RSBEONCDF RangePeakinessExcludingPolarOPSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between 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 RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean RSSHAONCDF RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean RSWHOEPFDNCDF RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF The sea surface height anomaly should be between 0 and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees RSWHOEPFDPLRMNC RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF The significant wave height should be between 0 mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and | RPEPOPFDSINNCDF | RangePeakinessExcludingPolarOPFD2SINNetCDF | The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPSARNCDF HangePeakinessExcludingPolarOPSARNetCDF and 70 degrees RPEPOPSINNCDF RangePeakinessExcludingPolarOPSINNetCDF The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between and 70 degrees RSSBCONCDF RangeSeaSutateBiasCorrectionOceanNetCDF 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 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 RSSHAONCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean RSWHOEPFDNCDF RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF The sea surface height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees RSWHOEPFDPLRMNC RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees <td>RPEPOPLRMNCDF</td> <td>RangePeakinessExcludingPolarOPLRMNetCDF</td> <td>The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees</td> | RPEPOPLRMNCDF | RangePeakinessExcludingPolarOPLRMNetCDF | The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPC/OPSINNCOP RangePeraktitessExcludingPolarOPSinNetCDP 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 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 RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees RSWHOEPFNCDF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees RSWHOEPFNCDF RangeSignificantWaveHeightOceanExcludingPolarMetCDF The significant wave height should be between 0mm and 150 | RPEPOPSARNCDF | RangePeakinessExcludingPolarOPSARNetCDF | The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RSSHAOFDNCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean RSSHAOFDPLRMNCD 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 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 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 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 RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees SPHRT | RPEPOPSINNCDF | RangePeakinessExcludingPolarOPSINNetCDF | The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RSSHAOFDRCDF RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF ocean ocean RSSHAOFDPLRMNCD 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 -000mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees RSWHOEPFDPLRMNC 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 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 RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees SPHRTASCNSNCDF SPH_Rel_Time_ASC_Node_Start_v2_NetCDF Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1) SPHRTASCNSNCDF SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF Rel_Time_ASC_Node_Stop mismatch | RSSBCONCDF | RangeSeaStateBiasCorrectionOceanNetCDF | The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean | | | |
| F InageSeaSufaceHeightAnomalyOceanPL03PLRMINECDF ocean RSSHAONCDF RangeSeaSufaceHeightAnomalyOceanNetCDF 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 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 RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees RSWHOEPNCDF RangeSignificantWaveHeightOceanExcludingPolarNetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees SPHRTASCNSNCDF SPH_Rel_Time_ASC_Node_Start_v2_NetCDF Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1) SPHRTASCNSNCDF SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF Rel_Time_ASC_Node_Stop mismatch | RSSHAOFDNCDF | RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF | | | | |
| RSSHAONCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF ocean ocean ocean 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 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 RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees SPHRTASCNSNCDF SPH_Rel_Time_ASC_Node_Start_v2_NetCDF Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1) SPHRTASCNSNCDF SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF Rel_Time_ASC_Node_Stop mismatch | RSSHAOFDPLRMNCD F | RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF | | | | |
| RSWHOEPFDNCDF RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF latitudes between -70 and 70 degrees RSWHOEPFDPLRMNC RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees RSWHOEPNCDF RangeSignificantWaveHeightOceanExcludingPolarNetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees SPHRTASCNSNCDF SPH_Rel_Time_ASC_Node_Start_v2_NetCDF Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1) SPHRTASCNSNCDF SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF Rel_Time_ASC_Node_Stop mismatch | RSSHAONCDF | RangeSeaSurfaceHeightAnomalyOceanNetCDF | | | | |
| DF HangeSignificantWaveHeightOceanExcludingPolar/D2PLHMNetCDF latitudes between -70 and 70 degrees RSWHOEPNCDF RangeSignificantWaveHeightOceanExcludingPolarNetCDF The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees SPHRTASCNSNCDF SPH_Rel_Time_ASC_Node_Start_v2_NetCDF Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1) SPHRTASCNSNCDF SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF Rel_Time_ASC_Node_Stop mismatch | 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 | | | |
| HSWHOEPNCDF HangesignificantwaveneigniCocanexcludingPolarWeCDF Iatitudes between -70 and 70 degrees Iatitudes between -70 and 70 degrees SPHRTASCNSNCDF SPH_Rel_Time_ASC_Node_Start_v2_NetCDF Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1) SPHRTASCNSNCDF SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF Rel_Time_ASC_Node_Stop mismatch | | RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF | The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| SPHRTASCNSNCDF SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF Rel_Time_ASC_Node_Stop mismatch | RSWHOEPNCDF | RangeSignificantWaveHeightOceanExcludingPolarNetCDF | The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| | SPHRTASCNSNCDF | SPH_Rel_Time_ASC_Node_Start_v2_NetCDF | | | | |
| SOOHHIFHD SameOrOneHigher1HzIndexFor20HzData The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample | SPHRTASCNSNCDF | SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF | Rel_Time_ASC_Node_Stop mismatch | | | |
| | SOOHHIFHD | SameOrOneHigher1HzIndexFor20HzData | The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample | | | |
| SCSTODHRNCDF SequenceCounterStepTODHRNetCDF The sequence counter should be modulo 4 higher with regard to the previous sequence counter | SCSTODHRNCDF | SequenceCounterStepTODHRNetCDF | The sequence counter should be modulo 4 higher with regard to the previous sequence counter | | | |

7.3 Missing QCC Reports