

1. Overview

| Report Production: | 26-Apr-2023 | |
|--------------------|--|--|
| Processor Used: | CryoSat Ocean Processor | |
| Data Used: | Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data | |

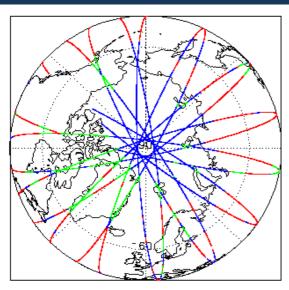
We would love to hear from you!

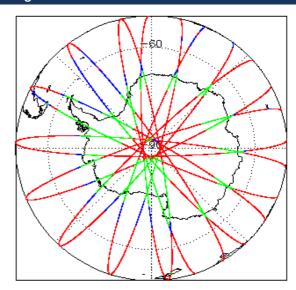
Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2_qc_team@telespazio.com

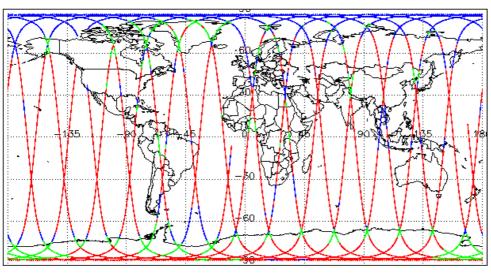
| Check | L1 & L2 | P2P |
|--|------------------------------|-------------------------|
| Server check: science-pds.cryosat.esa.int | Nominal | Nominal |
| Server check: calval-pds.cryosat.esa.int | Nominal | Nominal |
| Product Software Check | Nominal | Nominal |
| Product Format Check | Nominal |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

| Missi | Mission / Instrument News | |
|-------|---------------------------|-----------------|
| 24-N | Mar-2023 | None |
| 25-N | Mar-2023 | None |
| 26-N | Mar-2023 | Nothing planned |

2. Global Coverage









3. Instrument Configuration

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

| SIRAL instrument(s) in use: | SIRAL - A |
|-----------------------------|-----------|

4. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

4.2 L1B Product Header Analysis

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

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

Number of products with errors:

4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

0

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

.

4.5 L1B Measurement Confidence Data Check

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

Attitude Correction Missing: This flag is currently set in error for GOPR products due to a configuration issue. This is being investigated and will be updated in the next SW update.

Number of products with errors:

| Product | Test Failed | Description |
|---|---------------------|--|
| CS_OFFL_SIR_GOPM1B_20230325T073811_20230325T074035_C001 | Power scaling error | There is an error in the scaling of the L1B waveform for one or more records |

4.6 L1B Waveform Group Data Check

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

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

Number of products with errors: 19

| | <u></u> | la |
|---|--------------|--|
| Product | Test Failed | Description |
| CS_OFFL_SIR_GOPM1B_20230325T020932_20230325T022529_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPM1B_20230325T091433_20230325T091525_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPM1B_20230325T213021_20230325T213758_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230325T011457_20230325T011848_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230325T043312_20230325T043527_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230325T052617_20230325T052759_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230325T084454_20230325T084613_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230325T093616_20230325T093744_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230325T133952_20230325T134138_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230325T141845_20230325T142304_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230325T152300_20230325T152427_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230325T155847_20230325T160306_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230325T160306_20230325T160414_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230325T224543_20230325T224650_C001 | Loss of Echo | The tracking echo is missing for one or more records |

5. GOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

0

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

0

5.4 L2 Auxiliary Correction Error Check

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

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

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

56

| Product | Test Failed | Description |
|---|-----------------------------|---|
| CS_OFFL_SIR_GOPM_2_20230325T060350_20230325T060412_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |

| CS_OFFL_SIR_GOPM_2_20230325T091433_20230325T091525_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for more records |
|---|---|---|
| CS_OFFL_SIR_GOPN_2_20230325T001819_20230325T002124_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for more records |
| CS_OFFL_SIR_GOPN_2_20230325T002355_20230325T002908_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T011457_20230325T011848_C001 | Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) | There is an error with the Mean Dynamic Topography (solution 1) a Total Geocentric Ocean Tide (solution 1: GOT) for one or more rect |
| CS_OFFL_SIR_GOPN_2_20230325T015833_20230325T020108_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T025706_20230325T025949_C001 | Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) | There is an error with the Mean Dynamic Topography (solution 1) a Total Geocentric Ocean Tide (solution 1: GOT) for one or more received. |
| CS_OFFL_SIR_GOPN_2_20230325T033333_20230325T033940_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T043312_20230325T043527_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T051554_20230325T051737_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T070413_20230325T070654_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T083517_20230325T083907_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T092317_20230325T092358_C001 | Total Geocentric Ocean Tide (GOT) | There is an error with the Total Geocentric Ocean Tide height (solu GOT) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T101458_20230325T101813_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T102326_20230325T102443_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for more records |
| CS_OFFL_SIR_GOPN_2_20230325T110556_20230325T110624_C001 | Mean Sea Surface (1) | There is an error with the MSS height (solution 1) for one or more re |
| CS_OFFL_SIR_GOPN_2_20230325T120232_20230325T120346_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T124143_20230325T124416_C001 | Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide | There is an error with the Mean Dynamic Topography height (soluti Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) the Non-Equilibrium Long Period Ocean Tide for one or more record |
| CS_OFFL_SIR_GOPN_2_20230325T124443_20230325T124606_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T141845_20230325T142304_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 Dynan Topography height (solution 1) and the Total Geocentric Ocean Tid height (solution 1: GOT) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T142407_20230325T142516_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T151809_20230325T152042_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T155847_20230325T160306_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 Dynan Topography height (solution 1) and the Total Geocentric Ocean Tid height (solution 1: GOT) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T160306_20230325T160414_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T165720_20230325T170052_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T173845_20230325T174237_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T183830_20230325T184012_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for more records |
| CS_OFFL_SIR_GOPN_2_20230325T214738_20230325T214900_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for more records |
| CS_OFFL_SIR_GOPN_2_20230325T215428_20230325T215741_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for more records |
| CS_OFFL_SIR_GOPN_2_20230325T232711_20230325T232825_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for more records |
| CS_OFFL_SIR_GOPN_2_20230325T233326_20230325T233646_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20230325T010908_20230325T011341_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20230325T011341_20230325T011456_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dy Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20230325T022529_20230325T022732_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for more records |

| CS_OFFL_SIR_GOPR_2_20230325T024713_20230325T025217_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_GOPR_2_20230325T025217_20230325T025343_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_GOPR_2_20230325T042850_20230325T043312_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_GOPR_2_20230325T060413_20230325T060436_C001 | Mean Dynamic Topography (1) | There is an error with the GPD Wet Tropospheric correction, the MSS height (solution 1) and tidal corrections for one or more records |
| CS_OFFL_SIR_GOPR_2_20230325T060437_20230325T060700_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20230325T060830_20230325T061237_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_GOPR_2_20230325T074248_20230325T075317_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_GOPR_2_20230325T091526_20230325T091628_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20230325T092633_20230325T093421_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_GOPR_2_20230325T110625_20230325T111710_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_GOPR_2_20230325T124606_20230325T124843_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_GOPR_2_20230325T124843_20230325T125345_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_GOPR_2_20230325T142516_20230325T143038_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_GOPR_2_20230325T152042_20230325T152300_C001 | Mean Sea Surface (1) | There is an error with the MSS height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20230325T160414_20230325T161113_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_GOPR_2_20230325T162727_20230325T163122_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20230325T174237_20230325T174742_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_GOPR_2_20230325T191942_20230325T192813_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_GOPR_2_20230325T205957_20230325T210624_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_GOPR_2_20230325T211540_20230325T211715_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPR_2_20230325T223356_20230325T224417_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| | | |

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

| Product | Test Failed | Description |
|---|---------------------|---|
| CS_OFFL_SIR_GOPM_2_20230325T073811_20230325T074035_C001 | Power scaling error | There is an error in the scaling of the L2 waveform for one or more records |

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20 Hz)

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

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

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

Number of products with errors:

| Product | Test Failed | Description |
|---|--|---|
| CS_OFFL_SIR_GOPM_2_20230325T000346_20230325T001709_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T002124_20230325T002355_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_GOPM_2_20230325T003006_20230325T010134_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T010518_20230325T010533_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |

| por signed control (COSC) por land (COSC) and the COSC Annexes from a value detector Quarty in the COSC Annexes from a value of the | | Ocean Altimeter Range, SSHA, SWH | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags |
|--|---|----------------------------------|--|
| Basicanter Carty Section Secti | CS_OFFL_SIR_GOPM_2_20230325T011939_20230325T015136_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Deckeron Justice (1994). Sept. Software (1994). Sept. Sept. Software (1994). Sept. S | CS_OFFL_SIR_GOPM_2_20230325T020108_20230325T020303_C001 | | , , |
| set (Device-Settlemen Funger and Bedescater Coulty Fings Trans Person GO (PRIL SIR GOPM 2 DISSIDESTITUSING COO) GOOD Affirmen Funger (SR) (SOM) GOOD Affirmen Fung | CS_OFFL_SIR_GOPM_2_20230325T020500_20230325T020808_C001 | | |
| SO OFFIL SRIL GOPM 2 2020025T00500_020025T005005_0.001 CS OFFIL SRIL GOPM 2 2020025T00500_020025T005005_0.001 CS OFFIL SRIL GOPM 2 2020025T005005_020025T005005_0.001 CS OFFIL SRIL GOPM 2 2020025T005005_020025T005005_0.0 | CS_OFFL_SIR_GOPM_2_20230325T020932_20230325T022529_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Doors Attender Range, SSMA, SWH and Backscatter Quality Flags CS OFFL SIR GOPM 2 202020251036141 202020251036142 C001 Abrette Range Courty, COCG Abrette Range Courty, | CS_OFFL_SIR_GOPM_2_20230325T022732_20230325T023801_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| de GoPFL SIR GOPM 2 280200257034011 2020225703409 CODO Allementer Range and Radioscation Country between the Coro Allementer Range and Radioscation Country and Radioscation Country between the Coro Allementer Range and Radioscation Country and Radioscation Country and Radioscation Country and Radioscation Country between the Coro Allementer Range and Radioscation Country Radio Radioscation Country Rad | CS_OFFL_SIR_GOPM_2_20230325T025500_20230325T025705_C001 | | |
| SC. OFFL. SIR. COPM. 2. 20220257034041 _20220257034034 COOI Soft Blank Copm. 2. 2022025703404 _20220257034034 COOI Soft Blank Copm. 2. 20220257034034 COOI Soft Blank Copm. 2. 20220257034030 COOI Soft Blank Copm. 2. 20 | CS_OFFL_SIR_GOPM_2_20230325T025958_20230325T030142_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Backscatter Calaby COOR Affiniter Range Quality, OODD Rackscatter Calaby COOR Affiniter Range Quality, OODD Rackscatter Calaby COOR Affiniter Range Quality, OODD Rackscatter Calaby COOR Affiniter Range and Backscatter Quality Flags have been set to row or more records The COOR Affiniter Range and Backscatter Quality Flags have been set to row or more records The COOR Affiniter Range and Backscatter Quality Flags have been set to row or more records The COOR Affiniter Range and Backscatter Quality Flags have been set to row or more records The COOR Affiniter Range and Backscatter Quality Flags have been set to row or more records S. OFFIL SIR, GOPM 2, 2020025704058, 2020025704019, COOI Rackscatter Quality, OODG Affiniter Range, SIR, ASWA and Backscatter Quality Flags have been set to row or more records S. OFFIL SIR, GOPM 2, 2020025704058, 2020025704019, COOI S. OFFIL SIR, GOPM 2, 2020025704058, 2020025704019, COOI S. OFFIL SIR, GOPM 2, 2020025704058, 2020025704015, COOI S. OFFIL SIR, GOPM 2, 2020025704058, 2020025704015, COOI Affinited Range, SSHA, SWH and Backscatter Quality Flags have been set to row or more records. COMBA Affinited Range, SSHA, SWH and Backscatter Quality Flags have been set to row or more records. S. OFFIL SIR, GOPM 2, 2020025704025, 2020025704015, COOI Affinited Range, SSHA, SWH and Backscatter Quality Flags have been set to row or more records. S. OFFIL SIR, GOPM 2, 2020025704028, 2020025704015, COOI Affinited Range, SSHA, SWH and Backscatter Quality Flags have been set to row or more records. S. OFFIL SIR, GOPM 2, 2020025704028, 2020025704052, COOI Affinited Range, SSHA, SWH and Backscatter Quality Flags have been set to row or more records. S. OFFIL SIR, GOPM 2, 2020025704038, 2020025705341, COOI Affinited Range, SSHA, SWH and Back | CS_OFFL_SIR_GOPM_2_20230325T030411_20230325T031609_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Backscatter Caulity CS_OFFL_SIR_OOPM_2_20203025T044241_20230325T044056_0001 CS_OFFL_SIR_OOPM_2_20203025T044056_00230325T044056_0001 CS_OFFL_SIR_OOPM_2_20203025T044056_00230325T044056_0001 CS_OFFL_SIR_OOPM_2_20203025T044056_00230325T044056_0001 CS_OFFL_SIR_OOPM_2_20203025T044056_00230325T044056_0001 CS_OFFL_SIR_OOPM_2_20203025T040556_00230325T044056_0001 CS_OFFL_SIR_OOPM_2_20203025T040556_0001 CS_OFFL_SIR_OOPM_2_20203025T042056_0001 CS_OFFL_SIR_OOPM_2_20203025T042056_0001 CS_OFFL_SIR_OOPM_2_20203025T042056_0001 CS_OFFL_SIR_OOPM_2_20203025T045056_0001 CS_OFFL_SIR_OOPM_2_20203025T045056_00010056547_0001 CS_OFFL_SIR_OOPM_2_20203025T0650517_00010056547_0001 CS_OFFL_SIR_OOPM_2_20203025T0650517_00010056547_0001 CS_OFFL_SIR_OOPM_2_20203025T065050_000205T0650517_0001 CS_OFFL_SIR_OOPM_2_20203025T065050_000205T0650517_0001 CS_OFFL_SIR_OOPM_2_20203025T065050_000205T0650517_0001 CS_OFFL_SIR_OOPM_2_20203025T065050_000205T0650517_0001 CS_OFFL_SIR_OOPM_2_20203025T065050_000205T0650517_0001 CS_OFFL_SIR_OOPM_2_20203025T065050_000205T0650517_0001 CS_OFFL_SIR_OOPM_2_20203025T065050_000205T0650517_0001 CS_OFFL_SIR_OOPM_2_20203025T065050_000205T0650517_0001 CS_OFFL_SIR_OOPM_2_20203025T065050_000205T065050000000000000000000000000000 | CS_OFFL_SIR_GOPM_2_20230325T031903_20230325T032034_C001 | | |
| Backscatter Quality GB. OFFL_SIR_OOPM_2_202303257044856_202303257040356_C001 Ocean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_OOPM_2_20230325706282 20230325706342 C001 SQ_OFFL_SIR_OOPM_2_20230325706383 20230325706342 C001 Allimeter Flangs and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_OOPM_2_20230325706383 20230325706344 | CS_OFFL_SIR_GOPM_2_20230325T033941_20230325T034224_C001 | | |
| and the OCOG Altimeter Range and Backscatter Quality Flags have been Range SPIA, SWI and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_GOPM_2_20230325T040536_20230325T040819_C001 GS_OFFL_SIR_GOPM_2_20230325T040536_20230325T040819_C001 GS_OFFL_SIR_GOPM_2_20230325T040536_20230325T044815_C001 GS_OFFL_SIR_GOPM_2_20230325T044225_20230325T044815_C001 GS_OFFL_SIR_GOPM_2_20230325T044225_20230325T044815_C001 GS_OFFL_SIR_GOPM_2_20230325T045059_20230325T044815_C001 GS_OFFL_SIR_GOPM_2_20230325T045059_20230325T045052_C001 GS_OFFL_SIR_GOPM_2_20230325T045059_20230325T045052_C001 GS_OFFL_SIR_GOPM_2_20230325T045059_20230325T045052_C001 GS_OFFL_SIR_GOPM_2_20230325T045059_20230325T045052_C001 GS_OFFL_SIR_GOPM_2_20230325T050530_20230325T045059_C00303 | CS_OFFL_SIR_GOPM_2_20230325T034241_20230325T034709_C001 | | |
| CS_OFFL_SIR_GOPM_2_20230325T040585_20230325T04206_C001 CS_OFFL_SIR_GOPM_2_20230325T04205_202303 | CS_OFFL_SIR_GOPM_2_20230325T034856_20230325T040356_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Backscatter Quality CS_OFFL_SIR_GOPM_2_20230325T04525_20230325T04515_CO01 Some Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230325T045059_20230325T05524_CO01 CS_OFFL_SIR_GOPM_2_20230325T045059_20230325T05520_CO01 CS_OFFL_SIR_GOPM_2_20230325T045059_20230325T05520_CO01 CS_OFFL_SIR_GOPM_2_20230325T045059_20230325T05520_CO01 CS_OFFL_SIR_GOPM_2_20230325T045059_20230325T05520_CO01 CS_OFFL_SIR_GOPM_2_20230325T045059_20230325T05520_CO01 CS_OFFL_SIR_GOPM_2_20230325T045059_20230325T05520_CO01 CS_OFFL_SIR_GOPM_2_20230325T0550541_CO01 CS_OFFL_SIR_GOPM_2_20230325T055221_20230325T055241_CO01 CS_OFFL_SIR_GOPM_2_20230325T05222_2030325T055341_CO01 CS_OFFL_SIR_GOPM_2_20230325T052821_20230325T055341_CO01 CS_OFFL_SIR_GOPM_2_20230325T065282_20230325T065427_CO01 CS_OFFL_SIR_GOPM_2_20230325T065282_20230325T065427_CO01 CS_OFFL_SIR_GOPM_2_20230325T065282_20230325T065427_CO01 CS_OFFL_SIR_GOPM_2_20230325T065283_20230325T065427_CO01 CS_OFFL_SIR_GOPM_2_20230325T065283_20230325T06443_CO01 CS_OFFL_SIR_GOPM_2_20230325T065283_20230325T06443_CO01 CS_OFFL_SIR_GOPM_2_20230325T065055_20230325T06443_CO01 CS_OFFL_SIR_GOPM_2_20230325T065055_20230325T06443_CO01 CS_OFFL_SIR_GOPM_2_20230325T065055_20230325T06443_CO01 CS_OFFL_SIR_GOPM_2_20230325T065055_20230325T06443_CO01 CS_OFFL_SIR_GOPM_2_20230325T08055_20230325T08433_CO01 CS_OFFL_SIR_GOPM_2_20230325T08055_20230325T08433_CO01 CS_OFFL_SIR_GOPM_2_20230325T08055_20230325T08433_CO01 CS_OFFL_SIR_GOPM_2_20230325T08055_20230325T08433_CO01 CS_OFFL_SIR_GOPM_2_20230325T08055_20230325T08433_CO01 CS_OFFL_SIR_GOPM_2_20230325T08055_20230325T08433_CO01 CS_OFFL_SIR_GOPM_2_20230325T08055_20230325T08433_CO01 CS_OFFL_SIR_GOPM_2_20230325T08055_20230325T08433_CO01 CS_OFFL_SIR_GOPM_2_20230325T08055_20230325T08433_CO01 CS_OFFL_SIR_GOPM_2_20230325T08055_20230325T083336_CO01 CS_OFFL_SIR_GOPM_2_20230325T08055_20230325T083336_CO01 CS_OFFL_SIR_GOPM_2_20230325T08055_20230325T083336_CO01 CS_OFFL_SIR_GOPM_2_20230325T08055_20230 | CS_OFFL_SIR_GOPM_2_20230325T040536_20230325T040819_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| and the OCOG Altimeter Range and Backscatter Quality COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altimeter Range, SSHA, SWH and Backscatter Quality Range Rang | CS_OFFL_SIR_GOPM_2_20230325T042055_20230325T042706_C001 | | |
| and Backscatter Quality, COCO Altimeter Range and Backscatter Quality Flags have been altimeter Range and Backscatter Quality Flags have been altimeter Range and Backscatter Quality Flags and the OCOO Altimeter Range and Backscatter Quality Flags and the OCOO Altimeter Range and Backscatter Quality Flags and the OCOO Altimeter Range and Backscatter Quality Flags and the OCOO Altimeter Range and Backscatter Quality Flags and the OCOO Altimeter Range and Backscatter Quality Flags and the OCOO Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230325T052821_20230325T052617_C001 CS_OFFL_SIR_GOPM_2_20230325T052821_20230325T055341_C001 CS_OFFL_SIR_GOPM_2_20230325T052821_20230325T055341_C001 CS_OFFL_SIR_GOPM_2_20230325T062828_20230325T055427_C001 CS_OFFL_SIR_GOPM_2_20230325T062828_20230325T065427_C001 CS_OFFL_SIR_GOPM_2_20230325T062828_20230325T065427_C001 CS_OFFL_SIR_GOPM_2_20230325T062828_20230325T065427_C001 CS_OFFL_SIR_GOPM_2_20230325T065953_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T065953_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T070713_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T070713_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T070713_20230325T083336_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T083336_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T0864613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0864613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0864613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0864613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0864613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0864613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0864613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0864613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0864613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T086 | CS_OFFL_SIR_GOPM_2_20230325T044225_20230325T044815_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| and flackscatter Quality of Altimeter Range and Backscatter Quality Flags have been and flackscatter Quality Set for one or more records CS_OFFL_SIR_GOPM_2_20230325T052821_20230325T052817_C001 CS_OFFL_SIR_GOPM_2_20230325T052821_20230325T052811_C001 CS_OFFL_SIR_GOPM_2_20230325T052821_20230325T05341_C001 CS_OFFL_SIR_GOPM_2_20230325T052821_20230325T05447_C001 CS_OFFL_SIR_GOPM_2_20230325T062828_20230325T065427_C001 CS_OFFL_SIR_GOPM_2_20230325T062828_20230325T065427_C001 CS_OFFL_SIR_GOPM_2_20230325T065953_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T065953_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T0605953_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T08336_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085386_C001 CS_OFFL_SIR_GOPM_2_20230325T085642_20230325T085386_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085386_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085386_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T084536_C001 CS_OFFL_SIR_GOPM_2_20230325T0 | CS_OFFL_SIR_GOPM_2_20230325T045059_20230325T045322_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Backscatter Quality CS_OFFL_SIR_GOPM_2_20230325T052821_20230325T055341_C001 CS_OFFL_SIR_GOPM_2_20230325T062828_20230325T065427_C001 CS_OFFL_SIR_GOPM_2_20230325T062828_20230325T065427_C001 CS_OFFL_SIR_GOPM_2_20230325T062828_20230325T065427_C001 CS_OFFL_SIR_GOPM_2_20230325T065953_20230325T065427_C001 CS_OFFL_SIR_GOPM_2_20230325T065953_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T065953_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T065953_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T060053_20230325T073344_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T083336_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T083907_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T083907_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T086642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T086642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CCS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CCS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CCS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CCS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CCS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CCS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CCS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T0864613_20230325T0864613_20230325T0864613_20230325T0864613_20230325T0864613_20230325T0864613_20230325T0864613_20230325T0864613_20230325T0864613_20230325T0864613_20230325T0864613_20230325T0864 | CS_OFFL_SIR_GOPM_2_20230325T045330_20230325T051520_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230325T062828_20230325T065427_C001 CS_OFFL_SIR_GOPM_2_20230325T065953_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T065953_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T065953_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T070713_20230325T073344_C001 CS_OFFL_SIR_GOPM_2_20230325T08053_20230325T083336_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T083336_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T085642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0864613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0864613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0864613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0864613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T086642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records CCG_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CCG_Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCG_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CCG_Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCG_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CCG_Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCG_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CCG_Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCG_OFFL_SIR_GOPM_2_20230325T0866642_20230325T085236_C001 CC | CS_OFFL_SIR_GOPM_2_20230325T051737_20230325T052617_C001 | | |
| and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230325T065953_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T065953_20230325T070413_C001 CS_OFFL_SIR_GOPM_2_20230325T070713_20230325T073344_C001 CS_OFFL_SIR_GOPM_2_20230325T070713_20230325T073344_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T083336_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T083336_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T083907_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T086642_20230325T080020_C001 CS_OFFL_SIR_GOPM_2_20230325T086642_20230325T080020_C001 CS_OFFL_SIR_GOPM_2_20230325T086642_20230325T080020_C001 Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T086642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T086642_20230325T0865642_20230325T0865642_20230325T0865642_20230325T0865642_202 | CS_OFFL_SIR_GOPM_2_20230325T052821_20230325T055341_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Backscatter Quality CS_OFFL_SIR_GOPM_2_20230325T070713_20230325T073344_C001 Backscatter Quality CS_OFFL_SIR_GOPM_2_20230325T070713_20230325T073344_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T083336_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T083336_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T083336_C001 CS_OFFL_SIR_GOPM_2_20230325T083907_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T083907_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T085642_20230325T090320_C001 Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_GOPM_2_20230325T062828_20230325T065427_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T083336_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T083336_C001 CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T083336_C001 CS_OFFL_SIR_GOPM_2_20230325T083907_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T083907_20230325T084453_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T085642_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T085642_20230325T090320_C001 CS_OFFL_SIR_GOPM_2_20230325T085642_20230325T090320_C001 Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocoan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocoan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocoan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_GOPM_2_20230325T065953_20230325T070413_C001 | | |
| CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T083336_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 CS_OFFL_SIR_GOPM_2_20230325T085642_20230325T0805205_C001 CS_OFFL_SIR_GOPM_2_20230325T085642_20230325T090320_C001 and Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20230325T085642_20230325T090320_C001 The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_GOPM_2_20230325T070713_20230325T073344_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been Set for one or more records CS_OFFL_SIR_GOPM_2_20230325T085642_20230325T090320_C001 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Q | CS_OFFL_SIR_GOPM_2_20230325T080053_20230325T083336_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimete | CS_OFFL_SIR_GOPM_2_20230325T083907_20230325T084453_C001 | | |
| CS_OFFL_SIR_GOPM_2_20230325T085642_20230325T090320_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been | CS_OFFL_SIR_GOPM_2_20230325T084613_20230325T085236_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| - | CS_OFFL_SIR_GOPM_2_20230325T085642_20230325T090320_C001 | and Backscatter Quality, OCOG | and the OCOG Altimeter Range and Backscatter Quality Flags have been |

| CS_OFFL_SIR_GOPM_2_20230325T090516_20230325T091011_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_GOPM_2_20230325T092358_20230325T092446_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T093745_20230325T101245_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T101813_20230325T102325_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_GOPM_2_20230325T102505_20230325T102813_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T102848_20230325T104433_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T110040_20230325T110121_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T111710_20230325T112620_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T112837_20230325T114457_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T115631_20230325T115813_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_GOPM_2_20230325T115820_20230325T120232_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_GOPM_2_20230325T120436_20230325T122643_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T122718_20230325T123156_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T123214_20230325T124001_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T125828_20230325T131232_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T131416_20230325T132340_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T132347_20230325T133021_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T133149_20230325T133713_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_GOPM_2_20230325T134820_20230325T140046_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T140153_20230325T141454_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T141534_20230325T141841_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T144147_20230325T145143_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T145347_20230325T150929_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T151117_20230325T151612_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_GOPM_2_20230325T151650_20230325T151809_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_GOPM_2_20230325T152502_20230325T153733_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |

| | Ocean Altimeter Range, SSHA, SWH | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags |
|--|--|---|
| CS_OFFL_SIR_GOPM_2_20230325T154214_20230325T155400_C001 | and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T163308_20230325T164831_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T165049_20230325T165527_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_GOPM_2_20230325T165605_20230325T165719_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_GOPM_2_20230325T170119_20230325T172846_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T180221_20230325T182247_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T182339_20230325T182810_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T183057_20230325T183442_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_GOPM_2_20230325T183504_20230325T183829_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_GOPM_2_20230325T184054_20230325T190824_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T194024_20230325T200739_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T200904_20230325T201356_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_GOPM_2_20230325T202038_20230325T205533_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T210836_20230325T210955_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T213021_20230325T213758_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_GOPM_2_20230325T214047_20230325T214210_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T214410_20230325T214718_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T214901_20230325T215427_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_GOPM_2_20230325T215930_20230325T2222236_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T222516_20230325T223356_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T224713_20230325T224948_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T230629_20230325T232616_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPM_2_20230325T232825_20230325T233326_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_GOPM_2_20230325T233839_20230326T001224_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
| CS_OFFL_SIR_GOPN_2_20230325T042832_20230325T042850_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |

> OCOG Altimeter Range and Backscatter PLRM Quality Flags: These flags are currently set for occasional records over continental ice.

Number of products with errors:

74

| Product | Test Failed | Description |
|---|---|---|
| CS_OFFL_SIR_GOPN_2_20230325T015833_20230325T020108_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_GOPN_2_20230325T023801_20230325T024047_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_GOPN_2_20230325T043312_20230325T043527_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_GOPN_2_20230325T043616_20230325T043844_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_GOPN_2_20230325T044102_20230325T044225_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_GOPN_2_20230325T051554_20230325T051737_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_GOPN_2_20230325T065837_20230325T065953_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_GOPN_2_20230325T090320_20230325T090515_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_GOPN_2_20230325T093421_20230325T093534_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_GOPN_2_20230325T102326_20230325T102443_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_GOPN_2_20230325T124143_20230325T124416_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_GOPN_2_20230325T141845_20230325T142304_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_GOPN_2_20230325T143038_20230325T143110_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_GOPN_2_20230325T143825_20230325T144027_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_GOPN_2_20230325T150934_20230325T151116_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_GOPN_2_20230325T151809_20230325T152042_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_GOPN_2_20230325T152300_20230325T152428_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_GOPN_2_20230325T153734_20230325T154214_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_GOPN_2_20230325T155510_20230325T155633_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_GOPN_2_20230325T155847_20230325T160306_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_GOPN_2_20230325T174743_20230325T174821_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_GOPN_2_20230325T175730_20230325T175907_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_GOPN_2_20230325T182829_20230325T183057_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_GOPN_2_20230325T183830_20230325T184012_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_GOPN_2_20230325T201733_20230325T201915_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_GOPN_2_20230325T212935_20230325T213021_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_GOPN_2_20230325T225356_20230325T225419_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_GOPN_2_20230325T230337_20230325T230629_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_GOPN_2_20230325T232711_20230325T232825_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_GOPR_2_20230325T010448_20230325T010456_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_GOPR_2_20230325T010908_20230325T011341_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_GOPR_2_20230325T011341_20230325T011456_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_GOPR_2_20230325T011848_20230325T011939_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_GOPR_2_20230325T015137_20230325T015833_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_GOPR_2_20230325T022529_20230325T022732_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_GOPR_2_20230325T024713_20230325T025217_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_GOPR_2_20230325T025217_20230325T025343_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_GOPR_2_20230325T030142_20230325T030410_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_GOPR_2_20230325T031609_20230325T031821_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_GOPR_2_20230325T040917_20230325T041246_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_GOPR_2_20230325T042850_20230325T043312_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_GOPR_2_20230325T043845_20230325T044102_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_GOPR_2_20230325T060437_20230325T060700_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_GOPR_2_20230325T060709_20230325T060810_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_GOPR_2_20230325T060830_20230325T061237_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_GOPR_2_20230325T074248_20230325T075317_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_GOPR_2_20230325T092018_20230325T092056_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_GOPR_2_20230325T092633_20230325T093421_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_GOPR_2_20230325T101245_20230325T101458_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_GOPR_2_20230325T110625_20230325T111710_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 |

| | OCOC Altimator Banga Quality BLBM | The OCOC Bases and Beal/agetter Quality Flags have been set for one or |
|---|---|---|
| CS_OFFL_SIR_GOPR_2_20230325T124101_20230325T124143_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_GOPR_2_20230325T124843_20230325T125345_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_GOPR_2_20230325T125703_20230325T125706_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_GOPR_2_20230325T125735_20230325T125828_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_GOPR_2_20230325T142516_20230325T143038_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_GOPR_2_20230325T145144_20230325T145225_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_GOPR_2_20230325T152042_20230325T152300_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_GOPR_2_20230325T152428_20230325T152502_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_GOPR_2_20230325T160414_20230325T161113_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_GOPR_2_20230325T161619_20230325T161626_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_GOPR_2_20230325T162522_20230325T162724_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_GOPR_2_20230325T162727_20230325T163122_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_GOPR_2_20230325T170052_20230325T170119_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_GOPR_2_20230325T172846_20230325T173105_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_GOPR_2_20230325T174821_20230325T175020_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_GOPR_2_20230325T190824_20230325T191000_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_GOPR_2_20230325T191942_20230325T192813_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_GOPR_2_20230325T192836_20230325T193122_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_GOPR_2_20230325T205957_20230325T210624_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_GOPR_2_20230325T210955_20230325T211201_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_GOPR_2_20230325T211833_20230325T212100_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_GOPR_2_20230325T223356_20230325T224417_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_GOPR_2_20230325T224417_20230325T224541_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_GOPR_2_20230325T225150_20230325T225337_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records |

L2 Quality Flags (1 Hz & 1 Hz PLRM)

 $\label{lem:currently} \textbf{Currently, there are several common flags raised in the Level 2 products, which are summarised below.}$

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

Number of products with errors:

L2 Retracking Flags (20 Hz)

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

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

Number of products with errors:

72

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 GOPR and GOPN products over sea ice, but this is to be expected.

Number of products with errors:

140

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

6.1 P2P Product Format Check

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

Number of products with errors:

0

6.2 P2P Product Header Analysis

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

Number of products with errors:

0

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

0

6.4 P2P Auxiliary Correction Error Check

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

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

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

30

Number of products with errors:

| Product | Test Failed | Description |
|--|--|--|
| CS_OFFL_SIR_GOP_2_20230324T233331_20230325T002310_C003 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_GOP_2_20230325T002310_20230325T011246_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_GOP_2_20230325T011246_20230325T020225_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_GOP_2_20230325T020225_20230325T025201_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_GOP_2_20230325T025201_20230325T034140_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_GOP_2_20230325T034140_20230325T043115_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_GOP_2_20230325T043115_20230325T052054_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_GOP_2_20230325T052054_20230325T061030_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_GOP_2_20230325T061030_20230325T070009_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_GOP_2_20230325T070009_20230325T074945_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_GOP_2_20230325T074945_20230325T083924_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_GOP_2_20230325T083924_20230325T092900_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_GOP_2_20230325T092900_20230325T101839_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_GOP_2_20230325T101839_20230325T110814_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_GOP_2_20230325T110814_20230325T115753_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_GOP_2_20230325T115753_20230325T124729_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GCT), 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 height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records |
|--|---|---|
| CS_OFFL_SIR_GOP_2_20230325T124729_20230325T133708_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_GOP_2_20230325T133708_20230325T142644_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_GOP_2_20230325T142644_20230325T151623_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_GOP_2_20230325T151623_20230325T160558_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_GOP_2_20230325T160558_20230325T165537_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_GOP_2_20230325T165537_20230325T174513_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_GOP_2_20230325T174513_20230325T183452_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_GOP_2_20230325T183452_20230325T192428_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_GOP_2_20230325T192428_20230325T201407_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_GOP_2_20230325T201407_20230325T210343_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_GOP_2_20230325T210343_20230325T215322_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_GOP_2_20230325T215322_20230325T224257_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_GOP_2_20230325T224257_20230325T233236_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_GOP_2_20230325T233236_20230326T002212_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 |

6.5 P2P Measurement Confidence Data Check

CryoSat P2P data includes a measurement confidence flag for each 20 Hz measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

| Product | Test Failed | Description |
|--|---------------------|---|
| CS_OFFL_SIR_GOP_2_20230325T070009_20230325T074945_C001 | Power scaling error | There is an error in the scaling of the L2 waveform for one or more records |

6.6 P2P Measurement Quality Flag Check

P2P Quality Flags (20 Hz)

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

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

Number of products with errors: 3

P2P Quality Flags (20 Hz PLRM)

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

Number of products with errors:

P2P Quality Flags (1 Hz & 1 Hz PLRM)

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

Number of products with errors: 3

6.8 P2P Ocean Retracking Quality Check

P2P Retracking Flags (20 Hz)

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

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

Number of products with errors: 28

P2P Retracking Flags PLRM

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

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

Number of products with errors: 30

7. GOP 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_GOPM1B | 170 | 170 | 7 | 163 | 0 |
| SIR_GOPR1B | 148 | 148 | 0 | 148 | 0 |
| SIR_GOPN1B | 97 | 97 | 3 | 94 | 0 |

| SIR_GO | DPM 2 | | 170 | + | 70 l | 112 | | | 58 | | n | |
|---|--|--------------------------|---|--|--|--|---|-------------------|--|-----------------|---|--------|
| SIR_GC | | | 148 | | | 69 | | | 78 | | 1 | |
| | | | | | | | | | | | 1 | |
| SIR_GC | | | 97 | | 97 | 31 | | | 36 | | 0 | |
| SIR_GO | r_r2r | 1 | 29 | 1 | 29 | 0 | | 2 | 28 | | 1 | |
| 1 QCC Err | rors | | | | | | | | | | | |
| mber of QCC | reports with e | errors: | 2 | | Total number | of occurrences o | f and arror | | | | | |
| roduct Type | RI OROPNODE | RL | RLOBOPNCDF | RL | - Total Hullibei | or occurrences o | - each entor | _ | _ | | | _ |
| IR_GOPR_2 | 1 | 1 | 1 | 1 | - | - | - | | _ | | | _ |
| In_GOFN_2 | 1 | ' | ı | ı | | | | | | | | |
| | | | | | | | | | | | | |
| roduct Type | RLOBOPNODE | RL | RLOBOPNCDF | RL | - | - | - | - | - | | - | • |
| IR_GOP_2_ | 1 | 1 | 1 | 1 | | | | | | | | |
| | | | | | | | | | | | | |
| st Description | | | | | | | | | | | | |
| breviation | Test n | | | Details | | | | | | | | |
| OBOPNCDF | _ | atitudeOrBlankOl | P_7NetCDF | | e between -90E7 and | | | | | | | |
| - | | atitude_7 | | | e between -90E7 and | | | | | | | |
| OBOPNCDF | RangeL | ongitudeOrBlank | OP_7NetCDF | Longitude should | be between -180E7 | and 180E7 | | | | | | |
| - | RangeL | .ongitude_7 | | Longitude should | be between -180E7 | and 180E7 | | | | | | |
| | • | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 2 QCC Wa | arnings | | | | | | | | | | | |
| | | | | | | | | | | | | |
| imber of QCC | reports with v | varnings | 2086 | | | | | | | | | |
| | | | | | | er of occurrences | | <u> </u> | | | | |
| Product Typ | pe BCSHN | CDF | IOHHMOOR | MVIOEI | PFDNCDF | MVIOEPNCDF | MVIONCDF | | RBSZOPOEP | FDNCDF | RBSZOPOEPFD | PLRMNO |
| SIR GOPM1 | 1B 163 | | 0 | 0 | | 0 | 0 | | 0 | | 0 | |
| SIR GOPM | 2 0 | | 0 | 41 | | 44 | 0 | | 50 | | 0 | |
| SIR GOPN1 | | | 0 | 0 | | 0 | 0 | | 0 | | 0 | |
| _ | | | | | | - | | | | | - | |
| | 2 10 | | 10 | 111 | | 30 | 16 | | 22 | | 27 | |
| SIR_GOPN | | | 0 | 11 | | 30 0 | 6 | | 22 | | 27 | |
| SIR_GOPR1 | 1B 142 | | 0 | 0 | | 0 | 0 | | 0 | | 0 | |
| | 1B 142 | | - | | | | | | | | | |
| SIR_GOPR1 SIR_GOPR | 1B 142 _2 0 | DOEDNODE | 0 | 0 20 | | 0 33 | 0 | DI PMSINICO | 0 24 | | 0 22 | JCDE |
| SIR_GOPRI SIR_GOPR | 1B 142 2 0 | POEPNCDF | 0 1 RNELPOTONCDF | 0 20 RPEPO | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS | 0 0 ARNCE RPEPOPFD | PLRMSINNCD | 0 24 RPEPOPFDS | ARNCDF | 0 22 RPEPOPFDSINN | NCDF |
| SIR_GOPRI SIR_GOPR Product Typ SIR_GOPM | 1B 142 2 0 pe RBSZO 1B 0 | POEPNCDF | 0 1 RNELPOTONCDF | 0 20 RPEPO | PFDLRMNCDF | 0 33 | 0 0 ARNCE RPEPOPFD 0 | PLRMSINNCD | 0 24 RPEPOPFDS | ARNCDF | 0 22 RPEPOPFDSINN 0 | NCDF |
| SIR_GOPRI SIR_GOPRI Product Typ SIR_GOPMI SIR_GOPMI | 1B 142 2 0 pe RBSZO 1B 0 2 44 | POEPNCDF | 0 1 RNELPOTONCDF 0 0 | 0 20 F RPEPO 0 33 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS 0 0 | 0 0 ARNCE RPEPOPFD 0 0 | PLRMSINNCD | 0 24 RPEPOPFDS. 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 | NCDF |
| SIR_GOPRI SIR_GOPR Product Typ SIR_GOPM SIR_GOPM SIR_GOPNI | 1B 142 _2 0 pe RBSZO 1B 0 _2 44 1B 0 | POEPNCDF | RNELPOTONCDF 0 0 0 | 0 20 F RPEPO 0 33 0 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS 0 0 0 | 0 0 0 ARNCE RPEPOPFD 0 0 0 | PLRMSINNCD | 0 24 IRPEPOPFDS. 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 | NCDF |
| Product Typ SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPN SIR_GOPN | 1B 142 2 0 PE RBSZO 1B 0 2 44 1B 0 2 17 | POEPNCDF | RNELPOTONCDF 0 0 0 2 | 0 20 F RPEPO 0 33 0 0 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS 0 0 0 0 | 0 0 0 ARNCE RPEPOPFD 0 0 0 12 | PLRMSINNCD | 0 24 IRPEPOPFDS. 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 29 | NCDF |
| Product Typ SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPN SIR_GOPN SIR_GOPN SIR_GOPR1 | 142 | POEPNCDF | 0 1 RNELPOTONCDF 0 0 0 2 0 | 0 20 F RPEPO 0 33 0 0 0 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 | 0 0 0 ARNCC RPEPOPFD 0 0 0 12 | PLRMSINNCD | 0 24 RPEPOPFDS. 0 0 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 29 | NCDF |
| Product Typ SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPN SIR_GOPN | 142 | POEPNCDF | RNELPOTONCDF 0 0 0 2 | 0 20 F RPEPO 0 33 0 0 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS 0 0 0 0 | 0 0 0 ARNCE RPEPOPFD 0 0 0 12 | PLRMSINNCD | 0 24 IRPEPOPFDS. 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 29 | NCDF |
| Product Typ SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPN SIR_GOPN SIR_GOPN SIR_GOPR1 | 142 | POEPNCDF | 0 1 RNELPOTONCDF 0 0 0 2 0 | 0 20 F RPEPO 0 33 0 0 0 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 | 0 0 0 ARNCC RPEPOPFD 0 0 0 12 | PLRMSINNCD | 0 24 RPEPOPFDS. 0 0 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 29 | NCDF |
| Product Typ SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPN SIR_GOPN SIR_GOPN SIR_GOPR1 | 142 | POEPNCDF | 0 1 RNELPOTONCDF 0 0 0 2 0 | 0 20 F RPEPO 0 33 0 0 0 0 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 | 0 0 0 ARNCC RPEPOPFD 0 0 0 12 | | 0 24 RPEPOPFDS. 0 0 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 29 | NCDF |
| SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPNI SIR_GOPNI SIR_GOPRI SIR_GOPRI SIR_GOPRI | PE RESZO 142 2 0 PE RESZO 1B 0 2 44 1B 0 2 17 1B 0 2 17 1B 0 2 12 PE RPEPO | | 0 1 1 RNELPOTONCDF 0 0 0 2 0 4 | 0 20 F RPEPO 0 33 0 0 0 0 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 0 0 0 0 35 | 0 0 0 ARNCE RPEPOPFD 0 0 0 0 12 0 0 | | 0 24 (RPEPOPFDS. 0 0 0 0 0 0 0 42 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 0 29 0 | NCDF |
| SIR_GOPRI SIR_GOPRI Product Typ SIR_GOPM SIR_GOPNI SIR_GOPRI SIR_GOPRI SIR_GOPRI Froduct Typ | 142 | | RNELPOTONCOF 0 0 0 2 0 4 RPEPOPSARNCE | 0 20 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 0 35 RSSBCONCDF | 0 0 0 ARNCE RPEPOPFD 0 0 0 12 0 0 | | 0 24 (RPEPOPFDS. 0 0 0 0 0 0 42 RSSHAOFDP | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 29 0 0 0 | NCDF |
| SIR_GOPRI SIR_GOPRI SIR_GOPMI SIR_GOPMI SIR_GOPNI SIR_GOPRI SIR_GOPRI SIR_GOPRI SIR_GOPMI SIR_GOPMI SIR_GOPMI | 142 | | RNELPOTONCDF 0 0 0 2 0 4 RPEPOPSARNCE 0 | 0 20 20 20 20 20 20 20 20 20 20 20 20 20 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 0 35 RSSBCONCDF | 0 0 0 ARNCE RPEPOPFD 0 0 0 12 0 0 0 | | 0 24 (RPEPOPFDS.) 0 0 0 0 0 0 42 RSSHAOFDP | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 29 0 0 0 | NCDF |
| SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPN SIR_GOPRI SIR_GOPRI SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM | 142 | | RNELPOTONCDF 0 0 0 0 2 0 4 RPEPOPSARNCE 0 0 0 0 | 0 20 F RPEPO 0 33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 0 0 35 RSSBCONCDF 0 4 0 | 0 0 0 ARNCE RPEPOPFD 0 0 0 12 0 0 0 0 8RSSHAOFD 0 31 0 | | 0 24 IRPEPOPFDS. 0 0 0 0 0 42 IRSSHAOFDP 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 29 0 0 0 RSSHAONCDF 0 4 | NCDF |
| SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPNI SIR_GOPRI SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPMI SIR_GOPMI SIR_GOPMI SIR_GOPMI SIR_GOPMI | 142 | | 0 | 0 20 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 0 35 RSSBCONCDF | 0 0 0 0 0 0 0 0 12 0 0 0 0 0 0 3 1 3 1 0 0 4 7 | | 0 24 IRPEPOPFDS. 0 0 0 0 0 42 IRSSHAOFDP 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 29 0 0 0 RSSHAONCDF 0 4 0 25 | NCDF |
| SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPN SIR_GOPRI SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPN | 142 | | RNELPOTONCDF | 0 20 F RPEPO 0 33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 0 0 35 RSSBCONCDF 0 4 0 | 0 0 0 0 0 0 0 12 0 0 0 0 8 8 8 8 8 9 9 9 0 0 0 0 4 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | 0 24 IRPEPOPFDS. 0 0 0 0 42 RSSHAOFDP 0 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 29 0 0 0 0 RSSHAONCDF 0 4 0 0 25 0 | NCDF |
| SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPN SIR_GOPRI SIR_GOPRI SIR_GOPRI SIR_GOPM SIR_GOPMI SIR_GOPMI SIR_GOPMI SIR_GOPMI SIR_GOPMI | 142 | | 0 | 0 20 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 0 0 35 RSSBCONCDF 0 4 0 | 0 0 0 0 0 0 0 0 12 0 0 0 0 0 0 3 1 3 1 0 0 4 7 | | 0 24 IRPEPOPFDS. 0 0 0 0 0 42 IRSSHAOFDP 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 29 0 0 0 RSSHAONCDF 0 4 0 25 | NCDF |
| SIR_GOPAT SIR_GOPM SIR_GOPR | 142 | PLRMNCDF | NELPOTONCOF 0 | 0 20 20 20 20 20 20 20 20 20 20 20 20 20 | PFDLRMNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 0 35 RSSBCONCDF 0 4 0 14 0 11 | 0 0 0 0 0 0 0 12 0 0 0 0 8SSHAOFD 0 31 0 47 0 62 | NCDF | 0 24 IRPEPOPFDS. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 29 0 0 0 0 RSSHAONCDF 0 4 0 0 25 0 | NCDF |
| SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPRI SIR_GOPRI SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM | 142 | | RNELPOTONCDF | 0 20 | PFDLRMNCDF PSINNCDF | 0 33 RPEPOPFDPLRMS 0 0 0 0 0 35 RSSBCONCDF 0 4 0 14 0 11 | 0 0 0 0 0 0 0 12 0 0 0 0 8SSHAOFD 0 31 0 47 0 62 | NCDF | 0 24 IRPEPOPFDS. 0 0 0 0 0 0 42 IRSSHAOFDP 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 29 0 0 0 0 RSSHAONCDF 0 4 0 0 25 0 | NCDF |
| SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPN SIR_GOPRI SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM | 142 | PLRMNCDF | RNELPOTONCDF | 0 20 | PFDLRMNCDF PSINNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 0 35 RSSBCONCDF 0 4 0 14 0 11 | 0 0 0 0 0 0 0 12 0 0 0 0 8SSHAOFD 0 31 0 47 0 62 | NCDF | 0 24 IRPEPOPFDS. 0 0 0 0 0 0 42 RSSHAOFDP 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 29 0 0 0 0 RSSHAONCDF 0 4 0 0 25 0 | NCDF |
| SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM | 142 | PLRMNCDF | RNELPOTONCOF 0 | 0 20 20 20 20 20 20 20 | PFDLRMNCDF PSINNCDF | 0 33 RPEPOPFDPLRMS 0 0 0 0 0 35 RSSBCONCDF 0 4 0 14 0 11 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NCDF | 0 24 IRPEPOPFDS. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 29 0 0 0 0 RSSHAONCDF 0 4 0 0 25 0 | NCDF |
| SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM | 142 | PLRMNCDF | RNELPOTONCDF | 0 20 20 | PFDLRMNCDF PSINNCDF | 0 33 RPEPOPFDPLRMS 0 0 0 0 0 35 RSSBCONCDF 0 4 0 14 0 11 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NCDF | 0 24 IRPEPOPFDS. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 29 0 0 0 0 RSSHAONCDF 0 4 0 0 25 0 | NCDF |
| SIR_GOPN SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPN SIR_GOPN SIR_GOPN SIR_GOPN SIR_GOPM | 142 | PLRMNCDF | RNELPOTONCDF 0 | 0 20 | PFDLRMNCDF PSINNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 0 35 RSSBCONCDF 0 14 0 14 0 11 SOOHHIFHD 0 0 0 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NCDF | RPEPOPFDS. 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 29 0 0 0 0 RSSHAONCDF 0 4 0 0 25 0 | NCDF |
| SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPRI SIR_GOPRI SIR_GOPM | 142 | PLRMNCDF | RNELPOTONCDF 0 | 0 20 20 | PFDLRMNCDF PSINNCDF | 0 33 RPEPOPFDPLRMS 0 0 0 0 0 35 RSSBCONCDF 0 4 0 14 0 11 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NCDF | 0 24 IRPEPOPFDS. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 29 0 0 0 0 RSSHAONCDF 0 4 0 0 25 0 | NCDF |
| SIR_GOPN SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPN SIR_GOPN SIR_GOPN SIR_GOPN SIR_GOPM | 142 | PLRMNCDF | RNELPOTONCDF 0 | 0 20 | PFDLRMNCDF PSINNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 0 35 RSSBCONCDF 0 14 0 14 0 11 SOOHHIFHD 0 0 0 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NCDF | RPEPOPFDS. 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 29 0 0 0 0 RSSHAONCDF 0 4 0 0 25 0 | NCDF |
| SIR_GOPN | 142 | PLRMNCDF | RNELPOTONCDF 0 | 0 20 | PFDLRMNCDF PSINNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 0 35 RSSBCONCDF 0 14 0 14 0 11 SOOHHIFHD 0 0 0 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NCDF | 0 24 IRPEPOPFDS. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 29 0 0 0 0 RSSHAONCDF 0 4 0 0 25 0 | NCDF |
| SIR_GOPN | 142 | PLRMNCDF | RNELPOTONCDF 0 | 0 20 F RPEPO 0 33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | PFDLRMNCDF PSINNCDF | 0 33 RPEPOPFDPLRMS. 0 0 0 0 0 35 RSSBCONCDF 0 14 0 14 0 11 SOOHHIFHD 0 0 0 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NCDF | 0 24 IRPEPOPFDS. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ARNCDF | 0 22 RPEPOPFDSINN 0 0 0 29 0 0 0 0 RSSHAONCDF 0 4 0 0 25 0 | |
| SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPRI SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM | 142 | PLRMNCDF | RNELPOTONCOF | 0 20 F RPEPO 0 33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | PFDLRMNCDF PSINNCDF DEPNCDF | 0 33 RPEPOPFDPLRMS 0 0 0 0 0 0 35 RSSBCONCDF 0 4 0 0 14 0 1 SOOHHIFHD 0 0 0 0 1 1 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NCDF | 0 24 IRPEPOPFDS. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ARNCDF LRMNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | |
| SIR_GOPRI SIR_GOPM | 142 | PLRMNCDF | RNELPOTONCOF 0 | 0 20 F RPEPO 0 33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | PFDLRMNCDF PSINNCDF DEPNCDF | 0 33 RPEPOPFDPLRMS 0 0 0 0 0 0 35 RSSBCONCDF 0 4 0 0 14 0 1 SOOHHIFHD 0 0 0 0 1 1 MVIONCDF | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NCDF | RESZOPOEP | ARNCDF LRMNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 0 0 0 0 RSSHAONCDF 0 4 0 25 0 11 | |
| SIR_GOPRI SIR_GOPM | 142 | PLRMNCDF DEPFDNCDF | RNELPOTONCDF 0 | 0 20 F RPEPO 0 33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | PEPNCDF | 0 33 RPEPOPFDPLRMS 0 0 0 0 0 0 35 RSSBCONCDF 0 4 0 14 0 11 SOOHHIFHD 0 0 0 0 1 MVIONCDF 6 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NCDF NCDF | 0 24 IRPEPOPFDS. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ARNCDF LRMNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | CDF |
| SIR_GOPRI SIR_GOPM | 142 | PLRMNCDF | RNELPOTONCDF | 0 20 20 20 20 20 20 20 | PFDLRMNCDF PSINNCDF PNCDF PPDSINNCDF | 0 33 RPEPOPFDPLRMS 0 0 0 0 0 0 35 RSSBCONCDF 0 4 0 14 0 1 SOOHHIFHD 0 0 0 0 1 MVIONCDF 6 RPEPOPSINNCDF | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NCDF NCDF | 0 24 IRPEPOPFDS. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ARNCDF LRMNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | CDF |
| SIR_GOPRI SIR_GOPM | 142 | PLRMNCDF DEPFDNCDF | RNELPOTONCDF 0 | 0 20 F RPEPO 0 33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | PFDLRMNCDF PSINNCDF PNCDF PPDSINNCDF | 0 33 RPEPOPFDPLRMS 0 0 0 0 0 0 35 RSSBCONCDF 0 4 0 14 0 11 SOOHHIFHD 0 0 0 0 1 MVIONCDF 6 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NCDF NCDF | 0 24 IRPEPOPFDS. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ARNCDF LRMNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | CDF |
| SIR_GOPRI SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPM SIR_GOPR SIR_GOPM | 142 | PLRMNCDF DEPFDNCDF OOR | RNELPOTONCDF 0 | 0 20 20 20 20 20 20 20 | PFDLRMNCDF PSINNCDF PPNCDF PPDSINNCDF | 0 33 RPEPOPFDPLRMS 0 0 0 0 0 0 35 RSSBCONCDF 0 4 0 14 0 11 SOOHHIFHD 0 0 0 0 1 MVIONCDF 6 RPEPOPSINNCDF 20 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NCDF NCDF PFDNCDF | 0 24 IRPEPOPFDS. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ARNCDF LRMNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | CDF |
| SIR_GOPRI SIR_GOPM | 142 | PLRMNCDF DEPFDNCDF | RNELPOTONCDF | 0 20 20 20 20 20 20 20 | PFDLRMNCDF PSINNCDF PNCDF PFDSINNCDF | 0 33 RPEPOPFDPLRMS 0 0 0 0 0 0 35 RSSBCONCDF 0 4 0 14 0 11 SOOHHIFHD 0 0 0 0 1 MVIONCDF 6 RPEPOPSINNCDF 20 | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NCDF NCDF PFDNCDF | 0 24 IRPEPOPFDS. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | ARNCDF LRMNCDF | 0 22 RPEPOPFDSINN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | CDF |

| est Description Key: | | | | | |
|-------------------------|---|--|--|--|--|
| Abbreviation | Test name | Details | | | |
| BCSHNCDF | BurstCounterStep20HzNetCDF | The burst counter should be one higher with regard to the previous burst counter | | | |
| IOHHMOOR | IndexOf1Hzin20HzMappingOutOfRange | The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1) | | | |
| MVIOEPFDNCDF | MissingValueIntOceanExcludingPolarFD2NetCDF | The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees | | | |
| MVIOEPNCDF | MissingValueIntOceanExcludingPolarNetCDF | The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees | | | |
| MVIONCDF | MissingValueIntOceanNetCDF | The value should not be a 'missing value' for surface type 0 only | | | |
| RBSZOPOEPFDNCDF | RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF | The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RBSZOPOEPFDPLRM NCDF | RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF | The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RBSZOPOEPNCDF | RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF | The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RNELPOTONCDF | RangeNELPOceanTideOceanNetCDF | The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean | | | |
| RPEPOPFDLRMNCDF | RangePeakinessExcludingPolarOPFD2LRMNetCDF | The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPFDPLRMSAR NCDF | RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF | The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPFDPLRMSINN CDF | RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF | The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPFDSARNCDF | RangePeakinessExcludingPolarOPFD2SARNetCDF | The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPFDSINNCDF | RangePeakinessExcludingPolarOPFD2SINNetCDF | The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPLRMNCDF | RangePeakinessExcludingPolarOPLRMNetCDF | The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPSARNCDF | RangePeakinessExcludingPolarOPSARNetCDF | The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |
| RPEPOPSINNCDF | RangePeakinessExcludingPolarOPSINNetCDF | The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | |

| RSSBCONCDF | RangeSeaStateBiasCorrectionOceanNetCDF | The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean |
|-----------------------|--|--|
| | RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF | The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean |
| RSSHAOFDPLRMNCD F | RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF | The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean |
| RSSHAONCDF | RangeSeaSurfaceHeightAnomalyOceanNetCDF | The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean |
| RSWHOEPFDNCDF | RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF | The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees |
| RSWHOEPFDPLRMNC DF | RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF | The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees |
| RSWHOEPNCDF | RangeSignificantWaveHeightOceanExcludingPolarNetCDF | The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees |
| SOOHHIFHD | SameOrOneHigher1HzIndexFor20HzData | The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample |
| SCSTODHRNCDF | SequenceCounterStepTODHRNetCDF | The sequence counter should be modulo 4 higher with regard to the previous sequence counter |
| SCSTODNCDF | SequenceCounterStepTODNetCDF | The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter |

7.3 Missing QCC Reports

Number of products with missing QCC reports:

Λ