

1. Overview

| Report Production: | 16-Jun-2023 | |
|--------------------|--|--|
| Processor Used: | CryoSat Ocean Processor | |
| Data Used: | Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data | |

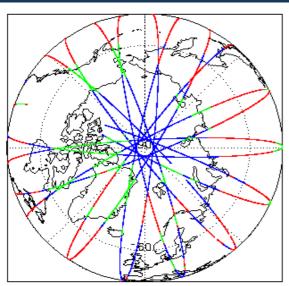
We would love to hear from you!

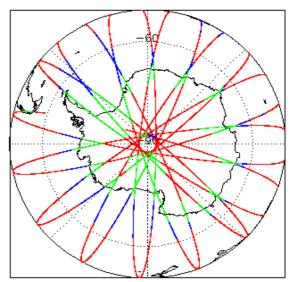
Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2_qc_team@telespazio.com

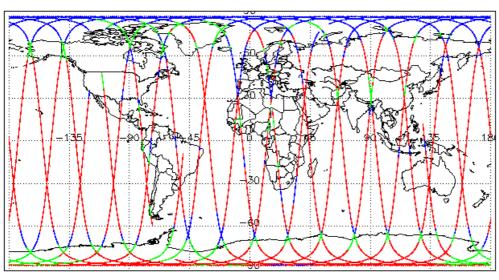
| Check | L1 & L2 | P2P |
|--|------------------------------|-----------------|
| Server check: science-pds.cryosat.esa.int | Nominal | Nominal |
| Server check: calval-pds.cryosat.esa.int | Nominal | Nominal |
| Product Software Check | Nominal | Nominal |
| Product Format Check | Nominal | Nominal |
| 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 7.2 | See Section 7.2 |

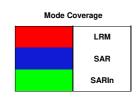
| | Mission / Instru | ment News |
|---|------------------|-----------------|
| I | 16-May-2023 | None |
| ۱ | 17-May-2023 | None |
| | 18-May-2023 | Nothing planned |

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:

0

4.5 L1B Measurement Confidence Data Check

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

Attitude Correction Missing: This flag is currently set in error for 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_20230517T072005_20230517T072445_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:

23

| Product | Test Failed | Description |
|---|--------------|--|
| CS_OFFL_SIR_GOPM1B_20230517T060400_20230517T060541_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPM1B_20230517T093701_20230517T101024_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPM1B_20230517T122302_20230517T123552_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPM1B_20230517T233929_20230517T235455_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230517T013930_20230517T014107_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230517T042608_20230517T042645_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230517T092404_20230517T092659_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230517T134632_20230517T134830_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230517T224422_20230517T224832_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPN1B_20230517T233734_20230517T233905_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPR1B_20230517T024703_20230517T025311_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPR1B_20230517T025826_20230517T030110_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPR1B_20230517T042415_20230517T042608_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_GOPR1B_20230517T060542_20230517T060713_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:

0

5.3 L2 Auxiliary Data File Usage Check

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

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:

Product

62

Test Failed Description

| CS_OFFL_SIR_GOPM_2_20230517T024032_20230517T024601_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records |
|---|---|---|
| CS_OFFL_SIR_GOPM_2_20230517T055552_20230517T055622_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_20230517T161144_20230517T161222_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T001441_20230517T002053_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_GOPN_2_20230517T010712_20230517T010728_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T011357_20230517T011501_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_GOPN_2_20230517T025311_20230517T025809_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_GOPN_2_20230517T042725_20230517T042902_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_GOPN_2_20230517T043231_20230517T043310_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_GOPN_2_20230517T051748_20230517T051955_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T061117_20230517T061121_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_GOPN_2_20230517T065545_20230517T065903_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_GOPN_2_20230517T070426_20230517T070544_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T083438_20230517T083758_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_GOPN_2_20230517T084320_20230517T084445_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T092404_20230517T092659_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_GOPN_2_20230517T102141_20230517T102316_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_GOPN_2_20230517T110500_20230517T110600_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_GOPN_2_20230517T115913_20230517T120121_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_GOPN_2_20230517T123913_20230517T124119_C001 | Mean Dynamic Topography (1), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide | There is an error with the Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T124300_20230517T124515_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_GOPN_2_20230517T132930_20230517T133117_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T134632_20230517T134830_C001 | Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide | There is an error with 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_GOPN_2_20230517T141935_20230517T142343_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T142402_20230517T142459_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_GOPN_2_20230517T151858_20230517T152100_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T182813_20230517T182938_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T183726_20230517T183840_C001 | Mean Sea Surface (1) | There is an error with the MSS height (solution 1) for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T200741_20230517T200907_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_GOPN_2_20230517T201418_20230517T201721_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T214803_20230517T215102_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography (solution 1) for one or more records |

| CS_OFFL_SIR_GOPN_2_20230517T215321_20230517T215839_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_GOPN_2_20230517T224422_20230517T224832_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T232636_20230517T233033_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_20230517T010820_20230517T010900_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_20230517T010932_20230517T011119_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_20230517T011119_20230517T011357_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_20230517T012307_20230517T012416_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_20230517T024602_20230517T024703_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_20230517T024703_20230517T025311_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_20230517T042902_20230517T043230_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_20230517T043310_20230517T043333_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_20230517T055623_20230517T055732_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_20230517T055742_20230517T055820_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_20230517T060159_20230517T060359_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_20230517T060724_20230517T061116_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_20230517T061122_20230517T061532_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_20230517T074610_20230517T075440_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_20230517T092700_20230517T093351_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_20230517T110600_20230517T111144_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_20230517T124516_20230517T125042_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_20230517T141621_20230517T141922_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_20230517T142343_20230517T142401_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_20230517T142500_20230517T142905_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_20230517T160207_20230517T161144_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_20230517T072005_20230517T072445_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_20230516T235912_20230517T001358_C001 | | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |

| CS_OFFL_SIR_GOPM_2_20230517T002053_20230517T002305_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_20230517T003009_20230517T004444_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_20230517T004624_20230517T004940_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_20230517T004942_20230517T010225_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_20230517T011501_20230517T011537_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_20230517T012416_20230517T013351_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_20230517T014107_20230517T015520_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_20230517T015846_20230517T020710_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_20230517T020942_20230517T023213_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_20230517T030111_20230517T030555_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_20230517T030817_20230517T033430_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_20230517T034033_20230517T034527_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_20230517T034913_20230517T035052_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_20230517T035115_20230517T041334_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_20230517T044702_20230517T051319_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_20230517T051715_20230517T051748_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_20230517T051955_20230517T052553_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_20230517T052742_20230517T054815_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_20230517T060400_20230517T060541_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_20230517T061848_20230517T065218_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_20230517T065904_20230517T070425_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_20230517T070655_20230517T071042_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_20230517T074107_20230517T074125_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_20230517T074222_20230517T074609_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_20230517T075752_20230517T083153_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_20230517T083758_20230517T083907_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
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| CS_OFFL_SIR_GOPM_2_20230517T083913_20230517T084320_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_20230517T084613_20230517T085826_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_20230517T090013_20230517T090613_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_20230517T090818_20230517T091247_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_20230517T093701_20230517T101024_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_20230517T101307_20230517T101806_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_20230517T101827_20230517T102141_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_20230517T102907_20230517T110019_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_20230517T111929_20230517T113308_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_20230517T113316_20230517T114952_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_20230517T115156_20230517T115705_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_20230517T115725_20230517T115736_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_20230517T120657_20230517T122048_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_20230517T122302_20230517T123552_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_20230517T130235_20230517T131251_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_20230517T131431_20230517T132845_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_20230517T133117_20230517T133617_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_20230517T134454_20230517T134631_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_20230517T134830_20230517T135908_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_20230517T140107_20230517T140641_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_20230517T140925_20230517T141621_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_20230517T144531_20230517T150740_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_20230517T151155_20230517T151535_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_20230517T152216_20230517T154936_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_20230517T162241_20230517T164743_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_20230517T164938_20230517T165450_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
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| CS_OFFL_SIR_GOPM_2_20230517T165457_20230517T165824_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_20230517T170156_20230517T173521_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_20230517T175800_20230517T180917_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_20230517T182129_20230517T182703_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_20230517T182938_20230517T183524_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_20230517T184130_20230517T191503_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_20230517T195024_20230517T195219_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_20230517T195242_20230517T200616_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_20230517T200907_20230517T201418_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_20230517T202041_20230517T205448_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_20230517T210621_20230517T210841_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_20230517T212425_20230517T214425_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_20230517T220029_20230517T223259_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_20230517T224913_20230517T230809_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_20230517T230836_20230517T232135_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_20230517T233929_20230517T235455_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_20230517T235658_20230518T000619_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_20230517T164801_20230517T164937_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_GOPN_2_20230517T192911_20230517T192959_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_GOPN_2_20230517T224422_20230517T224832_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_GOPR_2_20230517T020858_20230517T020942_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_GOPR_2_20230517T024602_20230517T024703_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_GOPR_2_20230517T111158_20230517T111318_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_GOPR_2_20230517T114952_20230517T115016_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_GOPR_2_20230517T115719_20230517T115724_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_GOPR_2_20230517T215839_20230517T220029_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records |
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L2 Quality Flags (20 Hz PLRM)

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

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

Number of products with errors:

100

| Control Attended Program of | | | |
|--|--|---|--|
| Section Sect | Product | Test Failed | Description |
| Coop Declaration Code Decl | CS_OFFL_SIR_GOPN_2_20230517T001441_20230517T002053_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| SG OFFL SIR GORN 2 20200517102002 20200517102002 2001 OG OFFL SIR GORN 2 20200517102002 2000 OG OFFL SIR GORN 2 20200517102002 2001 OG OFFL SIR GORN 2 20200517102002 2001 OG OFFL SIR GORN 2 20200517102002 2001 OG OFFL SIR GORN 2 20200517102002 2000517102002 2001 OG OFFL SIR GORN 2 20200517102002 20020517102002 2001 OG OFFL SIR GORN 2 20200517102002 20020517102002 2001 OG OFFL SIR GORN 2 20200517102002 20020517102002 2001 OG OFFL SIR GORN | CS_OFFL_SIR_GOPN_2_20230517T002306_20230517T002349_C001 | | |
| DOCS Bascociate Caulty Son PRIL SIR DOPN 2. 2020517105311 20205171031749, CXII CXI DOFN 2. 2020517105311 20205171031749, CXIII CXI DOFN 2. 2020517105501 20205171031749, CXIII CXI DOFN 2. 2020517103174, CXIII CXI DOFN 2. 20205171031749, CXIIII CXI DOFN 2. 20205171031749, CXIII CXI DOFN 2. 20205171031749, CXIIII CXI DOFN 2. 20205171031749, CXIII CXI DOFN 2. 20205171031749, CXIII CXI DOFN 2. | CS_OFFL_SIR_GOPN_2_20230517T002807_20230517T002942_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| SS_OFFL_SIR_GOPN_2_2020817703588_2020817703598_C001 OCOS_BENESIRE Falls CODE State Code Sta | CS_OFFL_SIR_GOPN_2_20230517T013930_20230517T014107_C001 | | |
| OCOG Bandscatter Cuality OCOG Alternator Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records OCOG Alternator Range Quality FLRM. OCOG Bandscatter Qualit | CS_OFFL_SIR_GOPN_2_20230517T025311_20230517T025809_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| and Backscatter Quality PLPM, OCOG. Alterneter Range and Backscatter Quality Flags have been set for one or more records. OCOG Alterneter Range Quality PLPM, OCOG. Spril_Sin_GOPN_2_202305177041412_202305177041582_C001 OCOG Alterneter Range Quality PLPM, OCOG. Spril_Sin_GOPN_2_202305177061587_C001 OCOG Alterneter Range Quality PLPM, OCOG. Spril_Sin_GOPN_2_202305177061587_C001 OCOG Alterneter Range Quality PLPM, OCOG. Spril_Sin_GOPN_2_202305177065645_202305177061887_C001 OCOG Alterneter Range Quality PLPM, OCOG. Spril_Sin_GOPN_2_202305177065645_202305177075807_C001 OCOG Alterneter Range Quality PLPM, OCOG. Spril_Sin_GOPN_2_202305177075445_202305177075807_C001 OCOG Alterneter Range Quality PLPM, OCOG. Spril_Sin_GOPN_2_202305177075445_202305177075807_C001 OCOG Alterneter Range Quality PLPM, OCOG. Spril_Sin_GOPN_2_202305177075445_202305177075807_C001 OCOG Alterneter Range Quality PLPM, OCOG. Spril_Sin_GOPN_2_202305177075807_202305177075807_C001 OCOG Alterneter Range Quality PLPM, OCOG. Spril_Sin_GOPN_2_202305177075807_202305177075807_C001 OCOG Alterneter Range Quality PLPM, OCOG. Spril_Sin_GOPN_2_202305177075807_202305177075908_C001 OCOG Alterneter Range Quality PLPM, OCOG. Alterneter Range Alternative Quality PLPM, OCOG. Alterneter Range Quality PLPM, OCOG. Alterneter Range Quality PLPM, OCOG. Alterneter Range Alternative Quality PLPM, OCOG. Alterneter Range and Backscatter Quality PLPM, OCOG. Alterneter Range and | CS_OFFL_SIR_GOPN_2_20230517T033628_20230517T033748_C001 | | |
| COCG Allmeter Range Quality PLRM. COCG Allmeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_202305177075445_20230517707590_COCI CS_OFFL_SIR_GOPN_2_202305177075445_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075445_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075445_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075445_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075445_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075445_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075445_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075445_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075445_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075440_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075440_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075440_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075440_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075440_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075440_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177075440_20230517707597_COCI CS_OFFL_SIR_GOPN_2_202305177064445_COCI CS_OFFL_SIR_GOPN_2_202305177064445_COCI CS_OFFL_SIR_GOPN_2_202305177064445_COCI CS_OFFL_SIR_GOPN_2_202305177064445_COCI CS_OFFL_SIR_GOPN_2_202305177064445_COCI CS_OFFL_SIR_GOPN_2_202305177064445_COCI CS_OFFL_SIR_GOPN_2_202305177064445_COCI CS_OFFL_SIR_GOPN_2_202305177064445_COCI CS_OFFL_SIR_GOPN_2_202305177064445_COCI CS_OFFL_SIR_GOPN_2_2023051771064445_COCI CS_OFFL_SIR_GOPN_2_2023051771064445_COCI CS_OFFL_SIR_GOPN_2_2023051771064445_COCI CS_OFFL_SIR_GOPN_2_2023051771064445_COCI CS_OFFL_SIR_GOPN_2_2023051771064445_COCI CS_OFFL_SIR_GOPN_2_2023051771064445_COCI CS_OFFL_SIR_GOPN_2_2023051771064445_COCI CS_OFFL_SIR_GOPN_2_2023051771064445_COCI CS_OFFL_SIR_GOPN_2_2023051771064445_COCI CS_OFFL_SIR_GOPN_2_202305177110600_2023051771106690_COCI CS_OFFL_SIR_GOPN_2_202305177110600_2023051771106690_COCI CS_OFFL_SIR_GOPN_2_202305177110600_2023051771106690_COCI CS_OFFL_SIR_GOPN_2_202305177110600_202305177110600 | CS_OFFL_SIR_GOPN_2_20230517T034528_20230517T034750_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCOG Backscatter Cuality CS_OFFL_SIR_GOPN_2_202305171065545_202305171065902_C001 CS_OFFL_SIR_GOPN_2_202305171065545_202305171072507_C001 CS_OFFL_SIR_GOPN_2_2023051710727445_202305171072507_C001 CS_OFFL_SIR_GOPN_2_202305171073740_2001 CS_OFFL_SIR_GOPN_2_202305171073740_2001 CS_OFFL_SIR_GOPN_2_202305171073740_2001 CS_OFFL_SIR_GOPN_2_202305171073740_2001 CS_OFFL_SIR_GOPN_2_202305171073821_202305171073903_C001 CS_OFFL_SIR_GOPN_2_202305171073821_202305171073903_C001 CS_OFFL_SIR_GOPN_2_202305171073821_202305171073903_C001 CS_OFFL_SIR_GOPN_2_202305171073840_202305171073903_C001 CS_OFFL_SIR_GOPN_2_202305171073840_202305171073903_C001 CS_OFFL_SIR_GOPN_2_202305171073840_202305171073903_C001 CS_OFFL_SIR_GOPN_2_202305171073840_202305171084445_C001 CS_OFFL_SIR_GOPN_2_202305171084300_202305171084445_C001 CS_OFFL_SIR_GOPN_2_202305171084300_202305171084445_C001 CS_OFFL_SIR_GOPN_2_202305171084300_202305171084445_C001 CCG_OR_Altimeter Range_Cuality PLRM. CCG_OR_Backscatter Cuality CCG_OR_Altimeter Range_Cuality PLRM. CCG_OR_Altimeter Range_Cuality PLRM. CCG_OR_Altimeter Range and Backscatter Cuality Flags have been se | CS_OFFL_SIR_GOPN_2_20230517T041412_20230517T041552_C001 | | |
| and Backscatter Quality PLRM. COG Altimeter Range and Backscatter Quality PLRM. COG Altimeter Range Quality PLRM. COG Backscatter Quality PLRM. COG Ba | CS_OFFL_SIR_GOPN_2_20230517T061533_20230517T061847_C001 | | |
| OCOG Altimeter Range Quality PLRM. OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM. OCOG Altimeter Range Quality PLRM. OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM. OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM. OCOG Backscatter Quality PLRM. OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range and Backscatter Quality Flags | CS_OFFL_SIR_GOPN_2_20230517T065545_20230517T065903_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCG Backscatter Quality PLRM. OCG Ba | CS_OFFL_SIR_GOPN_2_20230517T072445_20230517T072507_C001 | | |
| OCG Backscatter Quality CS_OFFL_SIR_GOPN_2_20230517T075440_20230517T075752_C001 CS_OFFL_SIR_GOPN_2_20230517T08440_20230517T084445_C001 CS_OFFL_SIR_GOPN_2_20230517T084320_20230517T084445_C001 CS_OFFL_SIR_GOPN_2_20230517T084320_20230517T084445_C001 CS_OFFL_SIR_GOPN_2_20230517T090614_20230517T090818_C001 CS_OFFL_SIR_GOPN_2_20230517T090614_20230517T090818_C001 CS_OFFL_SIR_GOPN_2_20230517T090614_20230517T090818_C001 CS_OFFL_SIR_GOPN_2_20230517T092404_20230517T092659_C001 CS_OFFL_SIR_GOPN_2_20230517T10500_20230517T10900_C001 CS_OFFL_SIR_GOPN_2_20230517T11500_20230517T11555_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T11555_C001 CS_OFFL_SIR_GOPN_2_20230517T115913_20230517T120121_C001 CS_OFFL_SIR_GOPN_2_20230517T115913_20230517T120249_C001 CS_OFFL_SIR_GOPN_2_20230517T115913_20230517T120249_C001 CS_OFFL_SIR_GOPN_2_20230517T1120127_20230517T120249_C001 CS_OFFL_SIR_GOPN_2_20230517T1120127_20230517T120249_C001 CS_OFFL_SIR_GOPN_2_20230517T120127_20230517T120249_C001 CS_OFFL_SIR_GOPN_2_20230517T1200249_C001 CS_OFFL_SIR_GOPN_2_20230517T1200249_C001 CS_OFFL_SIR_GOPN_2_20230517T1200249_C001 CS_OFFL_SIR_GOPN_2_20230517T1200249_C001 CS_OFFL_SIR_GOPN_2_20230517T1200249_C001 CS_OFFL_SIR_GOPN_2_20230517T1200249_C001 CS_OFFL_SIR_GOPN_2_20230517T1200249_C001 CS_OFFL_SIR_GOPN_2_20230517T1200249_C001 CS_OFFL_SIR_GOPN_2_20230517T1200249_ | CS_OFFL_SIR_GOPN_2_20230517T073710_20230517T073740_C001 | | |
| and Backscatter Quality PLRM, COG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20230517T084320_20230517T084445_C001 CS_OFFL_SIR_GOPN_2_20230517T080614_20230517T090618_C001 CS_OFFL_SIR_GOPN_2_20230517T090614_20230517T090618_C001 CS_OFFL_SIR_GOPN_2_20230517T092404_20230517T092659_C001 CS_OFFL_SIR_GOPN_2_20230517T092404_20230517T092659_C001 CS_OFFL_SIR_GOPN_2_20230517T10500_20230517T110500_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T110500_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T110500_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T1120121_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T1120121_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T1120121_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T1120121_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T1120121_C001 CS_OFFL_SIR_GOPN_2_20230517T120127_20230517T120121_C001 CCG_Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCG_OFFL_SIR_GOPN_2_20230517T120127_20230517T120121_C001 CCG_Altimeter Range and Backscatter Quality Flags have been set for one or | CS_OFFL_SIR_GOPN_2_20230517T073821_20230517T073903_C001 | OCOG Backscatter Quality | |
| CS_OFFL_SIR_GOPN_2_20230517T090614_20230517T090818_C001 CS_OFFL_SIR_GOPN_2_20230517T092404_20230517T092659_C001 CS_OFFL_SIR_GOPN_2_20230517T1092404_20230517T092659_C001 CS_OFFL_SIR_GOPN_2_20230517T1092404_20230517T1092659_C001 CS_OFFL_SIR_GOPN_2_20230517T110500_20230517T110500_C001 CS_OFFL_SIR_GOPN_2_20230517T110500_20230517T110500_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T115155_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T110500_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T110500_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T1120121_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T120121_C001 CS_OFFL_SIR_GOPN_2_20230517T1120127_20230517T120121_C001 CS_OFFL_SIR_GOPN_2_20230517T1120127_20230517T120249_C001 CS_OFFL_SIR_GOPN_2_20230517T120127_20230517T120249_C001 CS_OFFL_SIR_GOPN_2_20230517T120127_20230517T1201249_C001 CS_OFFL_SIR_GOPN_2_20230517T120127_20230517T12012515_C001 CCS_OFFL_SIR_GOPN_2_20230517T120127_20230517T12012515_C001 CCS_OFFL_SIR_GOPN_2_20230517T120127_20230517T12012515_C001 CCS_OFFL_SIR_GOPN_2_20230517T12510229_C001 CCS_OFFL_SIR_GOPN_2_20230517T12510229_C001 CCS_OFFL_SIR_GOPN_2_20230517T12510229_C001 CCS_OFFL_SIR_GOPN_2_20230517T12510229_C001 CCS_OFFL_SIR_GOPN_2_20230517T12510229_C001 CCS_OFFL_SIR_GOPN_2_20230517T12510229_C001 CCS_OFFL_SIR_GOPN_2_20230517T12510229_C001 CCS_OFFL_SIR_GOPN_2_20230517T12510229_C001 CCS_OFFL_SIR_GOPN_2_20230517T12510229_C001 CCS_OFFL_SIR_GOPN_2_20230517T125102001517T125102001 CCS_OFFL_SIR_GOPN_2_20230517T125102001517T125102001 CCS_OFFL_SIR_GOPN_2_20230517T125102001517T125102001 CCS_OFFL_SIR_GOPN_2_20230517T125102001517T125102001 CCS_OFFL_SIR_GOPN_2_20230517T125102001517T125102001 CCS_OFFL_SIR_GOPN_2_20230517T125102001517T125102001 CCS_OFFL_SIR_GOPN_2_20230517T12510200517T125102001 CCS_OFFL_SIR_GOPN_2_20230517T1251020001517T125102001 CCS_OFFL_SIR_GOPN_2_20230517T1251020001517T125102001 CCS_OFFL_SIR_GOPN_2_20230517T1251020001517T125102001 CCS_OFFL_SIR_GOPN_2_20230517T125102001517T125102001 CCS_OFFL_SIR_GOPN_2_2023 | CS_OFFL_SIR_GOPN_2_20230517T075440_20230517T075752_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIR_GOPN_2_20230517T092404_20230517T092659_C001 CS_OFFL_SIR_GOPN_2_20230517T092404_20230517T092659_C001 CS_OFFL_SIR_GOPN_2_20230517T10500_20230517T110600_C001 CS_OFFL_SIR_GOPN_2_20230517T110500_20230517T110600_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T11555_C001 CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T11555_C001 CS_OFFL_SIR_GOPN_2_20230517T115913_20230517T120121_C001 CS_OFFL_SIR_GOPN_2_20230517T115913_20230517T120121_C001 CS_OFFL_SIR_GOPN_2_20230517T115913_20230517T120121_C001 CS_OFFL_SIR_GOPN_2_20230517T120127_20230517T120121_C001 CS_OFFL_SIR_GOPN_2_20230517T120127_20230517T120121_C001 CS_OFFL_SIR_GOPN_2_20230517T120127_20230517T120121_C001 CS_OFFL_SIR_GOPN_2_20230517T120127_20230517T120121_C001 CS_OFFL_SIR_GOPN_2_20230517T120127_20230517T120121_C001 CS_OFFL_SIR_GOPN_2_20230517T120127_20230517T120249_C001 CS_OFFL_SIR_GOPN_2_20230517T120127_20230517T120249_C001 CS_OFFL_SIR_GOPN_2_20230517T124300_20230517T124515_C001 CCG_Altimeter Range, CSHA, SWH and Backscatter Quality PLRM, COG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COG Altimeter Range and Backscatter Quality PLRM, COG Backscatter Quality PLRM, COG Backscatter Quality PLRM, COG Backscatter Quality PLRM, COG Altimeter Range and Backscatter Quality PLRM, COG Backscat | CS_OFFL_SIR_GOPN_2_20230517T084320_20230517T0844445_C001 | | |
| and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Backscatter | CS_OFFL_SIR_GOPN_2_20230517T090614_20230517T090818_C001 | | |
| OCOG Backscatter Quality OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_GOPN_2_20230517T092404_20230517T092659_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCOG Backscatter Quality OCOG Backscatter Quality OCOG Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and Backscatte | CS_OFFL_SIR_GOPN_2_20230517T110500_20230517T110600_C001 | | |
| and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and | CS_OFFL_SIR_GOPN_2_20230517T115017_20230517T115155_C001 | OCOG Backscatter Quality | |
| CS_OFFL_SIR_GOPN_2_20230517T120127_20230517T120249_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20230517T124300_20230517T124515_C001 CS_OFFL_SIR_GOPN_2_20230517T124300_20230517T124515_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records | CS_OFFL_SIR_GOPN_2_20230517T115913_20230517T120121_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCOG Backscatter Quality OCOG Backscatter Quality more records OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or | CS_OFFL_SIR_GOPN_2_20230517T120127_20230517T120249_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| | CS_OFFL_SIR_GOPN_2_20230517T124300_20230517T124515_C001 | | |
| | CS_OFFL_SIR_GOPN_2_20230517T125042_20230517T125219_C001 | | |

| CS_OFFL_SIR_GOPN_2_20230517T130046_20230517T130234_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for more records |
|---|---|--|
| CS_OFFL_SIR_GOPN_2_20230517T134632_20230517T134830_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 and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T135909_20230517T140106_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for more records |
| CS_OFFL_SIR_GOPN_2_20230517T141935_20230517T142343_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 and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T144000_20230517T144357_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for more records |
| CS_OFFL_SIR_GOPN_2_20230517T150857_20230517T151154_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for more records |
| CS_OFFL_SIR_GOPN_2_20230517T151551_20230517T151556_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set fo more records |
| CS_OFFL_SIR_GOPN_2_20230517T151858_20230517T152100_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 and the OCOG Altimeter Range and Backscatter Quality Flags hav set for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T155039_20230517T155337_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for more records |
| CS_OFFL_SIR_GOPN_2_20230517T162054_20230517T162202_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for more records |
| CS_OFFL_SIR_GOPN_2_20230517T165824_20230517T165937_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 and the OCOG Altimeter Range and Backscatter Quality Flags hav set for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T165937_20230517T165950_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 and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T173522_20230517T173919_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 and the OCOG Altimeter Range and Backscatter Quality Flags hav set for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T182813_20230517T182938_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 and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T183726_20230517T183840_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 and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T191504_20230517T191821_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 and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T192911_20230517T192959_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set fo more records |
| CS_OFFL_SIR_GOPN_2_20230517T194448_20230517T194632_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for more records |
| CS_OFFL_SIR_GOPN_2_20230517T201418_20230517T201721_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 and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T214803_20230517T215102_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for more records |
| CS_OFFL_SIR_GOPN_2_20230517T215321_20230517T215839_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 and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T224422_20230517T224832_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set fo more records |
| CS_OFFL_SIR_GOPN_2_20230517T232636_20230517T233033_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 and the OCOG Altimeter Range and Backscatter Quality Flags hav set for one or more records |
| CS_OFFL_SIR_GOPN_2_20230517T233734_20230517T233905_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 and the OCOG Altimeter Range and Backscatter Quality Flags hav set for one or more records |
| CS_OFFL_SIR_GOPR_2_20230517T010820_20230517T010900_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set fo more records |
| CS_OFFL_SIR_GOPR_2_20230517T010932_20230517T011119_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 and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records |

| Co. CPTL_SIR_COME_2_BESISTTOTISES_COST_TITIS | CS_OFFL_SIR_GOPR_2_20230517T0111119_20230517T011357_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been |
|--|--|---|---|
| Self-Light_COPPL_BIRGOPTITISTICS_DOCOTTONISE_CORT ON_OPPL_BIRGOPPS_200095178010_200051700300_CORT ON_OPPL_BIRGOPPS_200095178010_200051700300_CORT ON_OPPL_BIRGOPPS_200095178010_200051700300_CORT ON_OPPL_BIRGOPPS_200095178010_200051700300_CORT ON_OPPL_BIRGOPPS_200095178010_200051700300_CORT ON_OPPL_BIRGOPPS_200095178010_200051700300_CORT ON_OPPL_BIRGOPPS_200095178010_200051700300_CORT ON_OPPL_BIRGOPPS_200095178010_200051700300_CORT ON_OPPL_BIRGOPPS_200095178010_200051700300_CORT ON_OPPL_BIRGOPPS_2000951780100_CORT | | · · | |
| CS_OFFL_SR_COPPL_BR_COPPL_BRSSD17101901_BDSS1701909_DDSS CS_OFFL_SR_COPPL_BR_COPPL_BRSSD17101901_BDSS1701909_DDSS CS_OFFL_SR_COPPL_BR_COPPL_BRSSD17101901_BDSS1701909_DDSS CS_OFFL_SR_COPPL_BR_COPPL_BRSSD17101901_BDSS1701909_DDSS CS_OFFL_SR_COPPL_BR_COPPL_BRSSD17101901_BDSS1701909_DDSS CS_OFFL_SR_COPPL_BRSSD17101900_BDSS1701909_DD | CS_OFFL_SIR_GOPR_2_20230517T011622_20230517T011814_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| Common C | CS_OFFL_SIR_GOPR_2_20230517T012307_20230517T012416_C001 | | |
| Col. DRL SIR GOPR 2 020001/100010 200000/1700010 20000000000000000000000000000000 | CS_OFFL_SIR_GOPR_2_20230517T013613_20230517T013930_C001 | | |
| So. OFFL. SIR. COPFL. 2. 2020S17T05550. 2020S17T05050. 2020S17T050 | CS_OFFL_SIR_GOPR_2_20230517T024703_20230517T025311_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SRI_GOPR_2_20205177042915_0020517704292_0001 CS_OFFL_SRI_GOPR_2_2020517704292_0020517704292_0001 CS_OFFL_SRI_GOPR_2_2020517704292_0020517704292_0001 CS_OFFL_SRI_GOPR_2_2020517705022_0020517705120_001 CS_OFFL_SRI_GOPR_2_2020517705022_0020517705120_001 CS_OFFL_SRI_GOPR_2_2020517705022_0020517705120_001 CS_OFFL_SRI_GOPR_2_2020517705022_0020517705130_001 CS_OFFL_SRI_GOPR_2_20205177050120_0020517705130_001 CS_OFFL_SRI_GOPR_2_20205177050120_0020517705130_001 CS_OFFL_SRI_GOPR_2_20205177050120_000517705130_001 CS_OFFL_SRI_GOPR_2_20205177050120_000517705130_001 CS_OFFL_SRI_GOPR_2_20205177050120_000517705130_001 CS_OFFL_SRI_GOPR_2_20205177050120_000517705130_001 CS_OFFL_SRI_GOPR_2_20205177050120_000517705130_001 CS_OFFL_SRI_GOPR_2_2020517705001_0005517705130_001 CS_OFFL_SRI_GOPR_2_2020517705001_0005517705100_001 CS_OFFL_SRI_GOPR_2_2020517705001_0005517705100_001 CS_OFFL_SRI_GOPR_2_2020517705001_0005517705100_001 CS_OFFL_SRI_GOPR_2_2020517705001_0005517705100_001 CS_OFFL_SRI_GOPR_2_2020517705001_0005517705100_001 CS_OFFL_SRI_GOPR_2_2020517705001_0005517705100_001 CS_OFFL_SRI_GOPR_2_2020517705001_0005517705100_001 CS_OFFL_SRI_GOPR_2_20205177105001_0005517705100_001 CS_OFFL_SRI | CS_OFFL_SIR_GOPR_2_20230517T025826_20230517T030110_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T04905_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T04905_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T04905_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T04905_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T04905_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T04905_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T04905_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T04905_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T04905_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T09105_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T09105_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T09105_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T09105_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T09105_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T09105_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T09105_C001 CS_OFFL_SIN_OOPR_2_2020517T04905_2020517T09105_C001 CS_OFFL_SIN_OOPR_2_2020517T07901_2020517T09105_C001 CS_OFFL_SIN_OOPR_2_2020517T07901_2020517T09105_C001 CS_OFFL_SIN_OOPR_2_2020517T07901_2020517T09105_C001 CS_OFFL_SIN_OOPR_2_2020517T07901_2020517T09105_C001 CS_OFFL_SIN_OOPR_2_2020517T07901_2020517T09105_C001 CS_OFFL_SIN_OOPR_2_2020517T07901_2020517T09105_C001 CS_OFFL_SIN_OOPR_2_2020517T07901_2020517T09405_C001 CS_OFFL_SIN_OOPR_2_2020517T07901_2020517T09405_C001 CS_OFFL_SIN_OOPR_2_2020517T07901_2020517T09405_C001 CS_OFFL_SIN_OOPR_2_2020517T07901_2020517T09405_C001 CS_OFFL_SIN_OOPR_2_2020517T07901_2020517T09405_C001 CS_OFFL_SIN_OOPR_2_2020517T07901_2020517T09405_C001 CS_OFFL_SIN_OOPR_2_2020517T09401_2020517T09405_C001 CS_OFFL_SIN_OOPR_2_2020517T09401_2020517T09405_C001 CS_OFFL_SIN_OOPR_2_2020517T09401_2020517T09405_C001 CS_OFFL_SIN_OOPR_2_2020517T09401_2020517T09405_C001 CS_OFFL_SIN_OOPR_2_2020517T09401_2020517T09405_C001 CS_OFFL_SIN_OOPR_2_2020517T09401_2020517T09405_C001 CS_OFFL_SIN_OOPR_2_2020517T09401_2020517T09405_C001 CS_OFFL_SIN_OOPR_2_2020517T09401_2020517T09400_C001 CS_OFFL_SIN_OOPR_2_2020517T09401_2020517T09400_C001 CS_OFFL_SIN_OOPR_2_2020517T09401 | CS_OFFL_SIR_GOPR_2_20230517T030555_20230517T030816_C001 | | |
| SOFEL SIR GOPR 2 20200517T04302 20200517T04302 COO1 Altereder Range and Backscater Coulty PLIMA COC Altereder Range and Backsc | CS_OFFL_SIR_GOPR_2_20230517T042415_20230517T042608_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| SS_OFFL_SIR_GOPR_2_202305171051320_20230517105132_C001 CS_OFFL_SIR_GOPR_2_20230517105132_20230517105132_C001 CS_OFFL_SIR_GOPR_2_20230517105132_20230517105132_C001 CS_OFFL_SIR_GOPR_2_20230517105132_20230517105132_C001 CS_OFFL_SIR_GOPR_2_20230517105132_202305171051332_C001 CS_OFFL_SIR_GOPR_2_20230517105132_202305171051332_C001 CS_OFFL_SIR_GOPR_2_2023051710731331_202305171073333_C001 CS_OFFL_SIR_GOPR_2_202305171073301_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_202305171073301_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_202305171073301_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_202305171073301_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_202305171073301_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_202305171073301_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_202305171073333_C001 CCS_OFFL_SIR_GOPR_2_20230517103333_C001 CCS_OFFL_SIR_GOPR_2_20230517103333_C001 CCS_OFFL_SIR_GOPR_2_20230517103333_C001 CCS_OFFL_ | CS_OFFL_SIR_GOPR_2_20230517T042902_20230517T043230_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCOS Backscatter Quality CS_OFFL_SIR_GOPR_2_202205171060159_202205177060359_C001 CS_OFFL_SIR_GOPR_2_202205177060159_202205177061116_C001 CS_OFFL_SIR_GOPR_2_202205177061122_202205177061132_C001 CS_OFFL_SIR_GOPR_2_202205177061122_202205177061132_C001 CS_OFFL_SIR_GOPR_2_202205177073492_202205177073495 C001 CS_OFFL_SIR_GOPR_2_202205177073910_202205177073495 C001 CS_OFFL_SIR_GOPR_2_202205 | CS_OFFL_SIR_GOPR_2_20230517T051320_20230517T051554_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCOG Backscatter Gualty The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality Flags Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality Flags Backscatter Quality Flags have been set for one or or nore records OCOG Backscatter Quality Flags Backscatter Quality Flags | CS_OFFL_SIR_GOPR_2_20230517T055623_20230517T055732_C001 | | |
| and Backscatter Quality PLRN, GOOR Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20230517T071222_20230517T071510_CO01 CS_OFFL_SIR_GOPR_2_20230517T071222_20230517T071510_CO01 CS_OFFL_SIR_GOPR_2_20230517T071222_20230517T071510_CO01 CS_OFFL_SIR_GOPR_2_20230517T073301_20230517T07349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T073301_20230517T07349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T073301_20230517T07349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T07349s_20200517T07349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T074810_20230517T07349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T074810_20230517T07349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T074810_20230517T07349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T074810_20230517T07349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T074810_20230517T07349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T074810_20230517T07349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T074810_20230517T07349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T074810_20230517T08349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T074810_20230517T08349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T0805164_20230517T08349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T0805164_20230517T08349s_CO01 CS_OFFL_SIR_GOPR_2_20230517T108495_20230517 | CS_OFFL_SIR_GOPR_2_20230517T060159_20230517T060359_C001 | | |
| CS_OFFL_SIR_GOPR_2_20230517T081122_20230517T071510_C001 Alternater Range and Backscatter Quality PLRM, COCO Alternater Range and Backscatter Quality PLRM, COCO Alternater Range and Backscatter Quality PLRM, COCO Back | CS_OFFL_SIR_GOPR_2_20230517T060724_20230517T061116_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIR_GOPR_2_20230517T073301_20230517T073435_C001 CS_OFFL_SIR_GOPR_2_20230517T073438_20230517T073455_C001 CS_OFFL_SIR_GOPR_2_20230517T073438_20230517T073659_C001 CS_OFFL_SIR_GOPR_2_20230517T073701_20230517T073703_C001 CS_OFFL_SIR_GOPR_2_20230517T073701_20230517T073703_C001 CS_OFFL_SIR_GOPR_2_20230517T073701_20230517T073703_C001 CS_OFFL_SIR_GOPR_2_20230517T073701_20230517T073703_C001 CS_OFFL_SIR_GOPR_2_20230517T073701_20230517T073703_C001 CS_OFFL_SIR_GOPR_2_20230517T073701_20230517T073703_C001 CS_OFFL_SIR_GOPR_2_20230517T073701_20230517T074107_C001 CS_OFFL_SIR_GOPR_2_20230517T074610_20230517T075440_C001 CS_OFFL_SIR_GOPR_2_20230517T074610_20230517T075440_C001 CS_OFFL_SIR_GOPR_2_20230517T083154_20230517T083438_C001 CS_OFFL_SIR_GOPR_2_20230517T083154_20230517T083438_C001 CS_OFFL_SIR_GOPR_2_20230517T083154_20230517T083351_C001 CS_OFFL_SIR_GOPR_2_20230517T082700_20230517T083351_C001 CS_OFFL_SIR_GOPR_2_20230517T108245_20230517T102906_C001 CS_OFFL_SIR_GOPR_2_20230517T10800_20230517T111144_C001 CS_OFFL_SIR_GOPR_2_20230517T111158_20230517T1111144_C001 CS_OFFL_SIR_GOPR_2_20230517T1111158_20230517T1111144_C001 CS_OFFL_SIR_GOPR_2_20230517T1111158_20230517T1111144_C001 CS_OFFL_SIR_GOPR_2_20230517T1111158_20230517T1111144_C001 CS_OFFL_SIR_GOPR_2_20230517T1111158_20230517T1111144_C001 CS_OFFL_SIR_GOPR_2_20230517T1111158_20230517T1111144_C001 CS_OFFL_SIR_GOPR_2_20230517T1111158_20230517T1111144_C001 CS_OFFL_SIR_GOPR_2_20230517T1111158_20230517T1111138_C001 COGG Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCG_OFFL_SIR_GOPR_2_20230517T111158_20230517T1111138_C001 CCG_OFFL_SIR_GOPR_2_20230517T111158_20230517T111138_C001 CCG_OFFL_SIR_GOPR_2_20230517T111158_20230517T111138_C001 CCG_OFFL_SIR_GOPR_2_20230517T111158_20230517T111138_C001 CCG_OFFL_SIR_GOPR_2_20230517T111158_20230517T111138_C001 CCG_OFFL_SIR_GOPR_2_20230517T111158_20230517T111138_C001 CCG_OFFL_SIR_GOPR_2_20230517T111158_20230517T111138_C001 CCG_OFFL_SIR_GOPR_2_20230517T111158_202305 | CS_OFFL_SIR_GOPR_2_20230517T061122_20230517T061532_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCG Backscatter Quality PLRM, OCG Ba | CS_OFFL_SIR_GOPR_2_20230517T071222_20230517T071510_C001 | | , , |
| CS_OFFL_SIR_GOPR_2_20230517T073701_20230517T073703_C001 CS_OFFL_SIR_GOPR_2_20230517T073910_20230517T074107_C001 CS_OFFL_SIR_GOPR_2_20230517T073910_20230517T074107_C001 CS_OFFL_SIR_GOPR_2_20230517T074610_20230517T07440_C001 Alimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM COG Altimete | CS_OFFL_SIR_GOPR_2_20230517T073301_20230517T073435_C001 | | |
| CS_OFFL_SIR_GOPR_2_20230517T073910_20230517T074407_C001 CS_OFFL_SIR_GOPR_2_20230517T074610_20230517T075440_C001 CS_OFFL_SIR_GOPR_2_20230517T074610_20230517T075440_C001 CS_OFFL_SIR_GOPR_2_20230517T083154_20230517T083438_C001 CS_OFFL_SIR_GOPR_2_20230517T083154_20230517T083438_C001 CS_OFFL_SIR_GOPR_2_20230517T083154_20230517T083438_C001 CS_OFFL_SIR_GOPR_2_20230517T082700_20230517T083351_C001 CS_OFFL_SIR_GOPR_2_20230517T02645_20230517T093351_C001 CS_OFFL_SIR_GOPR_2_20230517T102645_20230517T102906_C001 CS_OFFL_SIR_GOPR_2_20230517T102645_20230517T11138_C001 CS_OFFL_SIR_GOPR_2_20230517T11158_20230517T111138_C001 CS_OFFL_SIR_GOPR_2_20230517T111547_20230517T111138_C001 CS_OFFL_SIR_GOPR_2_20230517T111547_20230517T111138_C001 COCG Altimeter Range and Backscatter Quality PLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COCG Altimeter Range and Backscatter Quality PLRM, COCG Altime | CS_OFFL_SIR_GOPR_2_20230517T073438_20230517T073659_C001 | | |
| OCOG Backscatter Quality CS_OFFL_SIR_GOPR_2_20230517T074610_20230517T075440_C001 CS_OFFL_SIR_GOPR_2_20230517T0783154_20230517T075440_C001 CS_OFFL_SIR_GOPR_2_20230517T083154_20230517T083438_C001 CS_OFFL_SIR_GOPR_2_20230517T083154_20230517T083438_C001 CS_OFFL_SIR_GOPR_2_20230517T082700_20230517T093351_C001 CS_OFFL_SIR_GOPR_2_20230517T092700_20230517T093351_C001 CS_OFFL_SIR_GOPR_2_20230517T102645_20230517T102906_C001 CS_OFFL_SIR_GOPR_2_20230517T102645_20230517T102906_C001 CS_OFFL_SIR_GOPR_2_20230517T102645_20230517T102906_C001 CS_OFFL_SIR_GOPR_2_20230517T102645_20230517T111144_C001 CS_OFFL_SIR_GOPR_2_20230517T11116600_20230517T1111144_C001 CS_OFFL_SIR_GOPR_2_20230517T111116600_20230517T111118_C001 CS_OFFL_SIR_GOPR_2_20230517T1111118_2001 CS_OFFL_SIR_GOPR_2_20230517T1111118_20030517T1111118_C001 CS_OFFL_SIR_GOPR_2_20230517T1111118_20030517T1111118_20030517T1111118_2003050620006000000000000000000000000000 | CS_OFFL_SIR_GOPR_2_20230517T073701_20230517T073703_C001 | | |
| and Backscatter Quality PLRM, OCOG Altimeter Range 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_20230517T073910_20230517T074107_C001 | | |
| Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quali | CS_OFFL_SIR_GOPR_2_20230517T074610_20230517T075440_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter | CS_OFFL_SIR_GOPR_2_20230517T083154_20230517T083438_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20230517T110600_20230517T111144_C001 CS_OFFL_SIR_GOPR_2_20230517T111158_20230517T111138_C001 CS_OFFL_SIR_GOPR_2_20230517T111158_20230517T111138_C001 CS_OFFL_SIR_GOPR_2_20230517T1111547_20230517T1111928_C001 Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimet | CS_OFFL_SIR_GOPR_2_20230517T092700_20230517T093351_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20230517T111158_20230517T1111318_C001 CS_OFFL_SIR_GOPR_2_20230517T111158_20230517T1111318_C001 CS_OFFL_SIR_GOPR_2_20230517T1111547_20230517T1111928_C001 Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality PLR | CS_OFFL_SIR_GOPR_2_20230517T102645_20230517T102906_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCOG Backscatter Quality OCOG Backscatter Quality OCOG Backscatter Quality OCOG Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags Flags and Backscatter Quality Flags Fla | CS_OFFL_SIR_GOPR_2_20230517T110600_20230517T111144_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags | CS_OFFL_SIR_GOPR_2_20230517T111158_20230517T111318_C001 | | |
| | CS_OFFL_SIR_GOPR_2_20230517T111547_20230517T111928_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |

| OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set | or one or |
|--|-----------|
| CS_OFFL_SIR_GOPR_2_20230517T123553_20230517T123618_C001 OCOG Backscatter Quality OCOG Backscatter Quality more records | |
| CS_OFFL_SIR_GOPR_2_20230517T124516_20230517T125042_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 and the OCOG Altimeter Range and Backscatter Quality PLRM | |
| Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM of the Ocean Altimeter Range and Backscatter Quality PLRM or one or more records | |
| CS_OFFL_SIR_GOPR_2_20230517T142500_20230517T142905_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM and Backscatter Quality Flags have for one or more records | |
| CS_OFFL_SIR_GOPR_2_20230517T160207_20230517T161144_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 have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been depe | |
| CS_OFFL_SIR_GOPR_2_20230517T161222_20230517T161345_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have been set more records | or one or |
| Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The OCOG Altimeter Range and Backscatter Quality PLRM | |
| CS_OFFL_SIR_GOPR_2_20230517T165950_20230517T170156_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have for one or more records | |
| CS_OFFL_SIR_GOPR_2_20230517T173919_20230517T174630_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 have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags hav | |
| CS_OFFL_SIR_GOPR_2_20230517T174805_20230517T175157_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have been set more records | or one or |
| CS_OFFL_SIR_GOPR_2_20230517T183840_20230517T184130_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 and the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimeter Range and Backscatter Quality Flags have been described by the OCOG Altimet | |

L2 Quality Flags (1 Hz & 1 Hz PLRM)

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

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

Number of products with errors:

200

5.8 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20 Hz)

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

Ocean Retracking Quality Flag: This flag is currently set for products 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:

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:

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:

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.

| Product | Test Failed | Description |
|--|---|---|
| CS_OFFL_SIR_GOP_2_20230516T233248_20230517T002224_C002 | 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_20230517T002224_20230517T011203_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_20230517T011203_20230517T020139_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_20230517T020139_20230517T025117_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography 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_220230517T025117_20230517T034053_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_20230517T034053_20230517T043032_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_20230517T043032_20230517T052008_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography 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_20230517T052008_20230517T060947_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_20230517T060947_20230517T065923_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_20230517T065923_20230517T074902_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_20230517T074902_20230517T083837_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_20230517T083837_20230517T092816_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_20230517T092816_20230517T101752_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_20230517T101752_20230517T110731_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_220230517T110731_20230517T115707_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_20230517T115707_20230517T124646_C001 | | 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_20230517T124646_20230517T133621_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_20230517T133621_20230517T142600_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), 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_20230517T142600_20230517T151536_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_20230517T151536_20230517T160515_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_20230517T160515_20230517T165451_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_20230517T165451_20230517T174430_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_20230517T174430_20230517T183406_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_20230517T183406_20230517T192344_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_20230517T192344_20230517T201320_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_20230517T201320_20230517T210259_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography 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_20230517T210259_20230517T215235_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_20230517T215235_20230517T224214_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 |

Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Ocean Tide

There is an error with the MSS height (solution 1), the Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height 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:

Test Failed Product CS_OFFL_SIR_GOP_2_20230517T065923_20230517T074902_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:

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:

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:

25

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:

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 | 158 | 158 | 5 | 153 | 0 |
| SIR_GOPR1B | 124 | 124 | 0 | 124 | 0 |
| SIR_GOPN1B | 104 | 104 | 4 | 100 | 0 |
| SIR_GOPM_2 | 158 | 158 | 105 | 53 | 0 |
| SIR_GOPR_2 | 124 | 124 | 41 | 83 | 0 |
| SIR_GOPN_2 | 104 | 104 | 43 | 61 | 0 |
| SIR GOP P2P | 29 | 29 | 0 | 29 | 0 |

7.1 QCC Errors

Number of QCC reports with errors:

Total number of occurrences of each error

| Product Type | • | - | - | - | • | - | - | • | - | - | - |
|--------------|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| Product Type | - | - | - | - | - | - | - | - | - | - | - |
| 0 | | | | | | | | | | | |

| Test Description Key: | | |
|-----------------------|-----------|---------|
| Abbreviation | Test name | Details |
| 0 | 0 | #N/A |

7.2 QCC Warnings

Number of QCC reports with warnings

Total number of occurrences of each warning

| | | Total number of boots reflect of cach warning | | | | | | | | | | |
|---|--------------|---|--------------|------------|----------|-----------------|--------------------|---------------|--|--|--|--|
| ſ | Product Type | BCSHNCDF | MVIOEPFDNCDF | MVIOEPNCDF | MVIONCDF | RBSZOPOEPFDNCDF | RBSZOPOEPFDPLRMNCD | RBSZOPOEPNCDF | | | | |
| | SIR_GOPM1B | 153 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | SIR_GOPM_2 | 0 | 38 | 40 | 1 | 46 | 0 | 37 | | | | |
| | SIR_GOPN1B | 100 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | SIR_GOPN_2 | 0 | 8 | 30 | 7 | 24 | 25 | 18 | | | | |
| | SIR_GOPR1B | 121 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | SIR_GOPR_2 | 0 | 38 | 47 | 0 | 37 | 33 | 18 | | | | |

| Product Type | RNELPOTONCDF | RPEPOPFDLRMNCDF | RPEPOPFDPLRMSARNCE | RPEPOPFDPLRMSINNCDI | RPEPOPFDSARNCDF | RPEPOPFDSINNCDF | RPEPOPLRMNCDF |
|--------------|--------------|-----------------|--------------------|---------------------|-----------------|-----------------|---------------|
| SIR_GOPM1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_GOPM_2 | 0 | 29 | 0 | 0 | 0 | 0 | 25 |
| SIR_GOPN1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_GOPN_2 | 1 | 0 | 0 | 29 | 0 | 31 | 0 |

| SIR_GOPR1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------|---------------|---------------|------------|--------------|------------------|------------|---------------|
| SIR_GOPR_2 | 1 | 0 | 49 | 0 | 58 | 0 | 0 |
| | | | | | | | |
| Product Type | RPEPOPSARNCDF | RPEPOPSINNCDF | RSSBCONCDF | RSSHAOFDNCDF | RSSHAOFDPLRMNCDF | RSSHAONCDF | RSWHOEPFDNCDF |
| SIR_GOPM1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_GOPM_2 | 0 | 0 | 5 | 27 | 0 | 4 | 36 |
| SIR_GOPN1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_GOPN_2 | 0 | 26 | 18 | 44 | 51 | 25 | 27 |
| SIR_GOPR1B | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIR_GOPR_2 | 48 | 0 | 4 | 71 | 39 | 9 | 42 |

| Product Type | RSWHOEPFDPLRMNCDF | RSWHOEPNCDF | SOOHHIFHD | SCSTODHRNCDF | SCSTODNCDF | - | - |
|--------------|-------------------|-------------|-----------|--------------|------------|---|---|
| SIR_GOPM1B | 0 | 0 | 0 | 0 | 0 | | |
| SIR_GOPM_2 | 0 | 3 | 0 | 0 | 0 | | |
| SIR_GOPN1B | 0 | 0 | 0 | 48 | 2 | | |
| SIR_GOPN_2 | 28 | 15 | 1 | 0 | 0 | | |
| SIR_GOPR1B | 0 | 0 | 0 | 124 | 6 | | |
| SIR_GOPR_2 | 54 | 5 | 2 | 0 | 0 | | |

| Product Type | IOHHMOOR | MVIOEPFDNCDF | MVIOEPNCDF | MVIONCDF | RBSZOPOEPFDNCDF | RBSZOPOEPFDPLRMNCD | RBSZOPOEPNCDF |
|--------------|----------|--------------|------------|----------|-----------------|--------------------|---------------|
| SIR_GOP_2_ | 11 | 28 | 29 | 8 | 29 | 16 | 26 |

| Product Type | RNELPOTONCDF | RPEPOPFDPLRMSINNCD | RPEPOPFDSINNCDF | RPEPOPSINNCDF | RSSBCONCDF | RSSHAOFDNCDF | RSSHAOFDPLRMNCDF |
|--------------|--------------|--------------------|-----------------|---------------|------------|--------------|------------------|
| SIR_GOP_2_ | 2 | 15 | 28 | 22 | 20 | 29 | 17 |

| Product Type | RSSHAONCDF | RSWHOEPFDNCDF | RSWHOEPFDPLRMNCDF | RSWHOEPNCDF | SPHLPQWNCDF | - | - |
|--------------|------------|---------------|-------------------|-------------|-------------|---|---|
| SIR GOP 2 | 22 | 29 | 16 | 18 | 29 | | |

| rest Description Key: Abbreviation Test name Details | | | | | | |
|---|---|--|--|--|--|--|
| | | | | | | |
| BCSHNCDF | BurstCounterStep20HzNetCDF | The burst counter should be one higher with regard to the previous burst counter | | | | |
| 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 | | | | |
| RSSHAOFDNCDF | RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF | The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean | | | | |
| RSSHAOFDPLRMNCD F | RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF | The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean | | | | |
| RSSHAONCDF | RangeSeaSurfaceHeightAnomalyOceanNetCDF | The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean | | | | |
| RSWHOEPFDNCDF | RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF | The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | |
| RSWHOEPFDPLRMNC DF | RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF | The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | |
| RSWHOEPNCDF | RangeSignificantWaveHeightOceanExcludingPolarNetCDF | The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees | | | | |
| SOOHHIFHD | SameOrOneHigher1HzIndexFor20HzData | The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample | | | | |
| SCSTODHRNCDF | SequenceCounterStepTODHRNetCDF | The sequence counter should be modulo 4 higher with regard to the previous sequence counter | | | | |
| SCSTODNCDF | SequenceCounterStepTODNetCDF | The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter | | | | |

7.3 Missing QCC Reports