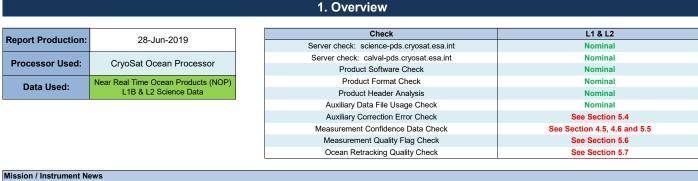
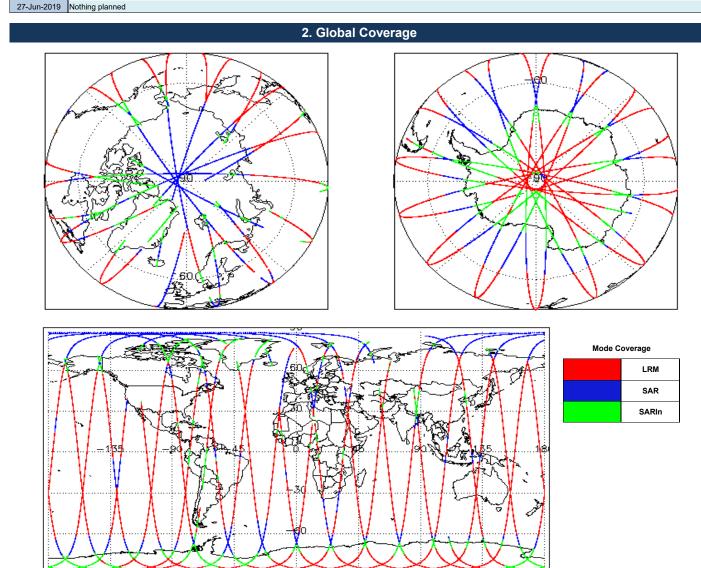


IDEAS+ Daily Report for NOP data:

26/06/2019



| | mooren / motrument news | | |
|-------------|-------------------------|------|--|
| 25-Jun-2019 | | None | |
| | 26-Jun-2019 | None | |
| | | | |



3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. NOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

4.2 L1B Product Header Analysis

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

L1B Processing Quality HR: The 11b_proc_flag_hr flag is currently set all L1B IOPR and IOPN products because the 11b_processing_quality_hr field is not correctly configured in the OSAR and OSARIn chains. A modification is required in the next release

Number of products with errors:

4.3 L1B Auxilary Data File Usage Check

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

Dynamic Atmospheric Correction: The DAC is missing in all products because the auxiliary files required are not available in time for processing. This known and expected behaviour.

Number of products with errors:

4.4 L1B Auxiliary Correction Error Check

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

3

Number of products with errors:

4.5 L1B Measurement Confidence Data Check

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

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

| Product | Test Failed | Description |
|---|---------------------|---|
| CS_OFFL_SIR_NOPM1B_20190626T111724_20190626T111855_C001 | Power scaling error | There is an error in the scaling of the L1B waveform for one or more records |
| CS_OFFL_SIR_NOPM1B_20190626T163646_20190626T163733_C001 | Power scaling error | There is an error in the scaling of the L1B waveform for one or more records |
| CS_OFFL_SIR_NOPM1B_20190626T204157_20190626T211756_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 products over land, but this is to be expected.

Number of

| products with errors: | 16 |
|-----------------------|----|
| | |

| CS_OFFL_SIR_NOPM1B_20190626T081600_20190626T085115_C001Less of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPM1B_20190626T101541_20190626T103041_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPM1B_20190626T013431_20190626T013631_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T013431_20190626T031607_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T071456_20190626T071905_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T071456_20190626T071905_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T080252_0190626T080310_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T08045_20190626T080552_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T12009_20190626T112309_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T03047_20190626T131039_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T03047_20190626T23052_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230417_20190626T23052_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230417_20190626T23052_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_2019 | Product | Test Failed | Description |
|--|---|--------------|--|
| CS_OFFL_SIR_NOPM1B_20190626T182859_20190626T184610_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T013431_20190626T013631_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T031456_20190626T031607_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T071456_20190626T071905_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T080225_20190626T080310_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T08045_20190626T080552_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T112009_20190626T112309_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T131004_20190626T131039_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T131004_20190626T131039_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230417_20190626T230528_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230650_20190626T230586_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T030734_20190626T030914_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T17947_20190626T030914_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1 | CS_OFFL_SIR_NOPM1B_20190626T081600_20190626T085115_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20190626T013431_20190626T013631_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T031456_20190626T031607_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T071456_20190626T071905_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T080225_20190626T080310_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T080445_20190626T080552_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T12009_20190626T12309_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T131004_20190626T131039_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230427_20190626T23053_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230417_20190626T230528_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230417_20190626T230856_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T030734_20190626T230856_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T030734_20190626T30914_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T171947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_ | CS_OFFL_SIR_NOPM1B_20190626T101541_20190626T103041_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20190626T031456_20190626T031607_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T071456_20190626T071905_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T080225_20190626T080310_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T080445_20190626T080552_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T112009_20190626T112309_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T131004_20190626T131039_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T203427_20190626T203953_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230417_20190626T230528_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230650_20190626T230856_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T030734_20190626T030914_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T171947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T17947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T171947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR | CS_OFFL_SIR_NOPM1B_20190626T182859_20190626T184610_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20190626T071456_20190626T071905_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T080225_20190626T080310_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T080445_20190626T080552_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T112009_20190626T112309_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T131004_20190626T131039_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T203427_20190626T203953_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230417_20190626T230528_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230650_20190626T230856_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T030734_20190626T030914_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T1791794_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T17947_20190626T030914_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T17947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T17947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more records | CS_OFFL_SIR_NOPN1B_20190626T013431_20190626T013631_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20190626T080225_20190626T080310_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T080445_20190626T080552_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T112009_20190626T112309_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T131004_20190626T131039_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T203427_20190626T203953_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230417_20190626T230528_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230650_20190626T230856_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T030734_20190626T030914_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T171947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T17947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more records | CS_OFFL_SIR_NOPN1B_20190626T031456_20190626T031607_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20190626T080445_20190626T080552_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T112009_20190626T112309_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T131004_20190626T131039_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T203427_20190626T203953_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230417_20190626T230528_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230650_20190626T230856_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T030734_20190626T030914_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T171947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T17947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T17947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more records | CS_OFFL_SIR_NOPN1B_20190626T071456_20190626T071905_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20190626T112009_20190626T112309_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T131004_20190626T131039_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T203427_20190626T203953_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230417_20190626T230528_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230650_20190626T230856_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T030734_20190626T030914_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T171947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T171947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more records | CS_OFFL_SIR_NOPN1B_20190626T080225_20190626T080310_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20190626T131004_20190626T131039_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T203427_20190626T203953_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230417_20190626T230528_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230650_20190626T230856_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T030734_20190626T030914_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T171947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T171947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more records | CS_OFFL_SIR_NOPN1B_20190626T080445_20190626T080552_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPN1B_20190626T203427_20190626T203953_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230417_20190626T230528_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T230650_20190626T230856_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPN1B_20190626T030734_20190626T030914_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T030734_20190626T030914_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_NOPR1B_20190626T171947_20190626T172316_C001Loss of EchoThe tracking echo is missing for one or more records | CS_OFFL_SIR_NOPN1B_20190626T112009_20190626T112309_C001 | Loss of Echo | The tracking echo is missing for one or more records |
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| CS_OFFL_SIR_NOPN1B_20190626T230650_20190626T230856_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20190626T030734_20190626T030914_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20190626T171947_20190626T172316_C001 Loss of Echo The tracking echo is missing for one or more records | CS_OFFL_SIR_NOPN1B_20190626T203427_20190626T203953_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20190626T030734_20190626T030914_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_NOPR1B_20190626T171947_20190626T172316_C001 Loss of Echo The tracking echo is missing for one or more records | CS_OFFL_SIR_NOPN1B_20190626T230417_20190626T230528_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20190626T171947_20190626T172316_C001 Loss of Echo The tracking echo is missing for one or more records | CS_OFFL_SIR_NOPN1B_20190626T230650_20190626T230856_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| | CS_OFFL_SIR_NOPR1B_20190626T030734_20190626T030914_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| CS_OFFL_SIR_NOPR1B_20190626T181721_20190626T182055_C001 Loss of Echo The tracking echo is missing for one or more records | CS_OFFL_SIR_NOPR1B_20190626T171947_20190626T172316_C001 | Loss of Echo | The tracking echo is missing for one or more records |
| | CS_OFFL_SIR_NOPR1B_20190626T181721_20190626T182055_C001 | Loss of Echo | The tracking echo is missing for one or more records |

5. NOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

5.3 L2 Auxiliary Data File Usage Check

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

5.4 L2 Auxiliary Correction Error Check

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

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

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

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

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

> Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.

| Product | Test Failed | Description |
|---|---|---|
| CS_OFFL_SIR_NOPM_2_20190626T013921_20190626T014011_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 (solution 1), the Total Geocentric Ocean Tide (solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records |
| CS_OFFL_SIR_NOPM_2_20190626T110413_20190626T111645_C001 | Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) | There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190625T235854_20190626T000120_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T004832_20190626T005031_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T013431_20190626T013631_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T031456_20190626T031607_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T035846_20190626T040113_C001 | Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T053707_20190626T054020_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T071456_20190626T071905_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T072435_20190626T072600_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T090230_20190626T090413_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T094611_20190626T094707_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 (solution 1), the Total Geocentric Ocean Tide (solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T104020_20190626T104236_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T112009_20190626T112309_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T112407_20190626T112621_C001 | Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) | There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T121037_20190626T121227_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 heig (solution 1: GOT) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T121914_20190626T122359_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T130049_20190626T130444_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T140027_20190626T140218_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T184850_20190626T185015_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T185524_20190626T185832_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide | There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T202933_20190626T203221_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T203427_20190626T203953_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T212518_20190626T212852_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T220901_20190626T221137_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T230417_20190626T230528_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T234100_20190626T234242_C001 | Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide | There is an error with the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records |
| CS_OFFL_SIR_NOPN_2_20190626T234616_20190626T234950_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T030935_20190626T031456_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T043742_20190626T043942_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T044841_20190626T045637_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T062659_20190626T063613_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T080810_20190626T081237_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T081237_20190626T081600_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS OFFL SIR NOPR 2 20190626T094707 20190626T095248 C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |

| CS_OFFL_SIR_NOPR_2_20190626T095302_20190626T095427_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
|---|---|---|
| CS_OFFL_SIR_NOPR_2_20190626T101404_20190626T101541_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T112621_20190626T112831_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T112831_20190626T113317_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T125739_20190626T130017_C001 | Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide | There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT and solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T130444_20190626T131004_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T163820_20190626T163928_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T181721_20190626T182055_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T194943_20190626T195958_C001 | Mean Dynamic Topography (1) | There is an error with the Mean Dynamic Topography height for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T225735_20190626T230141_C001 | Mean Sea Surface (1), Mean Dynamic Topography (1) | There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records |
| CS_OFFL_SIR_NOPR_2_20190626T231159_20190626T231331_C001 | Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide | There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT and solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records |

5.5 L2 Measurement Confidence Data Check

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

| Number of products with errors: 3 | | |
|---|---------------------|---|
| Product | Test Failed | Description |
| CS_OFFL_SIR_NOPM_2_20190626T111724_20190626T111855_C001 | Power scaling error | There is an error in the scaling of the L2 waveform for one or more records |
| CS_OFFL_SIR_NOPM_2_20190626T163646_20190626T163733_C001 | Power scaling error | There is an error in the scaling of the L2 waveform for one or more records |
| CS_OFFL_SIR_NOPM_2_20190626T204157_20190626T211756_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 (20Hz)

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

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

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

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

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| Product | Test Failed | Description |
|---|--|--|
| CS_OFFL_SIR_NOPM_2_20190626T000435_20190626T001145_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T001307_20190626T001740_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T002111_20190626T003619_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T003956_20190626T004832_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T005124_20190626T011331_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T014145_20190626T021535_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T021908_20190626T022059_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T022155_20190626T022632_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T023104_20190626T025903_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T032817_20190626T033813_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T034351_20190626T035405_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T040113_20190626T040706_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |

| CS_OFFL_SIR_NOPM_2_20190626T040925_20190626T043045_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
|---|--|--|
| CS_OFFL_SIR_NOPM_2_20190626T045938_20190626T053315_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T054020_20190626T054537_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T062308_20190626T062659_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T063730_20190626T064820_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T065106_20190626T071229_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T071905_20190626T072021_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T072028_20190626T072435_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T072859_20190626T073940_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T074127_20190626T074742_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T074917_20190626T075401_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T081600_20190626T085115_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T085406_20190626T085919_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T085939_20190626T090230_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T091019_20190626T094042_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T095427_20190626T101357_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T101541_20190626T103041_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T103313_20190626T103817_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T104744_20190626T105755_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T110413_20190626T111645_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T113317_20190626T114926_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T115119_20190626T115402_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T115541_20190626T120948_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T121227_20190626T121727_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T121752_20190626T121802_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T122525_20190626T124749_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T124828_20190626T125739_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| | | |

| CS_OFFL_SIR_NOPM_2_20190626T132704_20190626T134822_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
|---|--|--|
| CS_OFFL_SIR_NOPM_2_20190626T135310_20190626T135644_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T135706_20190626T140027_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T140339_20190626T143159_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T150230_20190626T152828_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T153053_20190626T153558_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T153605_20190626T153932_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T154322_20190626T155404_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T155941_20190626T161659_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T170241_20190626T170724_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T171052_20190626T171630_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T172316_20190626T175626_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T175726_20190626T175737_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T180915_20190626T181025_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T182859_20190626T184610_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T185015_20190626T185524_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T190154_20190626T193757_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T194803_20190626T194943_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T200515_20190626T202252_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T204157_20190626T211756_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T213024_20190626T214838_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T214941_20190626T220319_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T221137_20190626T221336_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T221452_20190626T221838_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T222048_20190626T223556_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T223757_20190626T224719_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T230528_20190626T230650_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |

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|---|--|--|
| CS_OFFL_SIR_NOPM_2_20190626T230915_20190626T231159_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T231331_20190626T232641_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T234242_20190626T234404_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPM_2_20190626T234950_20190626T235739_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T022059_20190626T022120_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T035846_20190626T040113_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T055747_20190626T055750_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T072435_20190626T072600_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T131941_20190626T132043_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T150139_20190626T150230_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T153558_20190626T153605_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T014012_20190626T014142_C001 | OCOG Altimeter Range Quality, OCOG Backscatter Quality | The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T022850_20190626T023104_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T044841_20190626T045637_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T094042_20190626T094051_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T101404_20190626T101541_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T155644_20190626T155941_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. |
| | | |

L2 Quality Flags (20Hz PLRM)

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

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

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

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| Product | Test Failed | Description |
|---|---|--|
| | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T003811_20190626T003956_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T013431_20190626T013631_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |

| COUNT_DRE_UPEN_2.20100020102001_2010020_20100001 COUNT_DRE_UPEN_2.201000201020001_20100001 COUNT_DRE_UPEN_2.201000201020001_2010001 COUNT_DRE_UPEN_2.20100020102001_2010001_2010001 COUNT_DRE_UPEN_2.20100020102001_2010001_2010001 COUNT_DRE_UPEN_2.20100020102001_2010001_2010001 COUNT_DRE_UPEN_2.20100020102001_2010001_2010001_2010001_2010001_2010001_2010001_2010001_20100001_20100001_20100001_20100001_20100001_20100000_20100000_20100000_20100000_20100000_20100000_20100000_20100000_20100000_20100000_20100000_20100000_20100000_20100000_200000_200000_200000_200000000 | CS_OFFL_SIR_NOPN_2_20190626T031456_20190626T031607_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
|--|---|---|---|
| CCUPUED_INTERCIP_CONSIDERING INTERCIPCONST_ | CS_OFFL_SIR_NOPN_2_20190626T035846_20190626T040113_C001 | | |
| CCUT_CONT_CONT_CONT_CONT_CONT_CONT_CONT_CON | CS_OFFL_SIR_NOPN_2_20190626T040706_20190626T040833_C001 | | |
| CB_DPFL_SIR_UOPU_2_31130321T05451_0105021T05400_0001 Implementation of the second of the | CS_OFFL_SIR_NOPN_2_20190626T045815_20190626T045938_C001 | | |
| Construction Cool detector fulling Cool detector fulling man meeters. C3_0FT_SR_NOPL_2_010000107100_2010000117100_001 COOL detector fulling The COOL detector fulling The COOL detector fulling C3_0FT_SR_NOPL_2_0100001171100_001 COOL detector fulling The COOL detector fulling The COOL detector fulling C3_0FT_SR_NOPL_2_0100001171100_001 COOL detector fulling The COOL detector fulling The COOL detector fulling C3_0FT_SR_NOPL_2_0100001171100_001 COOL detector fulling The COOL detector fulling The COOL detector fulling C3_0FT_SR_NOPL_2_0100001171000_0000 COOL detector fulling The COOL detector fulling The COOL detector fulling C3_0FT_SR_NOPL_2_0100001171000_00000 COOL detector fulling The COOL detector fulling The COOL detector fulling C3_0FT_SR_NOPL_2_0100001171000_00000 COOL detector fulling The COOL detector fulling The COOL detector fulling C3_0FT_SR_NOPL_2_0100001171000_0000000 COOL detector fulling The COOL detector fulling The COOL detector fulling C3_0FFT_SR_NOPL_2_0100001171000_00000000 COOL detector fulling The COOL detector fulling The COOL detector fulling C3_0FFT_SR_NOPL_2_01000001170000_0000000000000000000000 | CS_OFFL_SIR_NOPN_2_20190626T054537_20190626T054651_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| COUCH Last Junch Last Resp. 1994. 20198251101200, 2019 COOR Backsteller Guelly Flags, mere exosts. Coord Backsteller Guelly Flags, Mark Marker, Rage, SSHA, SWH and Backsteller Guelly Flags, Marker Rage, GSHA, SWH and Backsteller Guelly Flags, Marker Rage, SSHA, SWH and Backsteller Guelly Flags, Marker Rage, GSHA, SWH and Backsteller Guelly Flags, | CS_OFFL_SIR_NOPN_2_20190626T060755_20190626T060939_C001 | | |
| CB_OFTL_SR_NOPK_2_201986281701468_001902400_0001 Implication Control on the Contr | CS_OFFL_SIR_NOPN_2_20190626T062140_20190626T062308_C001 | | |
| CS_0FL_SIR_NOPL_2_0100007172002_001 American Structure Coulty Flag. Normality FLML COULT in the Coulty Flag. Norma | CS_OFFL_SIR_NOPN_2_20190626T071456_20190626T071905_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| 000 DCCG Backcaster Guilty more records. 010 DCCG Backcaster Guilty more records. 010 DCCG Backcaster Guilty The Open Attract Prog. SNA. SWH and Backcaster Guilty Prog. 011 DCCG Backcaster Guilty The Open Attract Prog. SNA. SWH and Backcaster Guilty Prog. 012 DCCG Backcaster Guilty The Open Attract Prog. SNA. SWH and Backcaster Guilty Prog. 013 DCCG Backcaster Guilty The Open Attract Prog. SNA. SWH and Backcaster Guilty Prog. 014 DCCG Backcaster Guilty The Open Attract Prog. SNA. SWH and Backcaster Guilty Prog. 015 OFFL_SIR_NOPL_2_01900201104000190000110429_CO11 The Open Attract Prog. SNA. SWH and Backcaster Guilty Prog. 015 OFFL_SIR_NOPL_2_0190020110400019000110429_CO11 DCCG Attract Prog. SNA. SWH and Backcaster Guilty Prog. 015 OFFL_SIR_NOPL_2_0190020110400019000110429_CO11 DCCG Attract Prog. SNA. SWH and Backcaster Guilty Prog. 015 OFFL_SIR_NOPL_2_0190020110400019000110429_CO11 DCCG Attract Prog. SNA. SWH and Backcaster Guilty Prog. 016 OFFL_SIR_NOPL_2_0190020110400019000110429_CO11 DCCG Attract Prog. SNA. SWH and Backcaster Guilty Prog. 016 OFFL_SIR_NOPL_2_0190020110400019000110429_CO11 DCCG Attract Prog. SNA. SWH and Backcaster Guilty Prog. 016 OFFL_SIR_NOPL_2_0190020110400019000110429_CO11 DCCG Attract Prog. SNA. SWH and Backcaster Guilty Prog. < | CS_OFFL_SIR_NOPN_2_20190626T072435_20190626T072600_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIR_NOPN_2_20100020T105220_20100020T090413_0001 and Backscater Custy PLRM, OCCO Animater Range SSH, SVH and Backscater Custy PLRM, OCCO Animater Range SSH, SVH and Backscater Custy PLRM, OCCO Animater Range SSH, SVH and Backscater Custy PLRM, OCCO Animater Range SSH, SVH and Backscater Custy PLRM, OCCO Animater Range SSH, SVH and Backscater Custy PLRM, OCCO Animater Range SSH, SVH and Backscater Custy PLRM, OCCO Animater Range SSH, SVH and Backscater Custy PLRM, OCCO Animater Range SSH, SVH and Backscater Custy PLRM, OCCO Animater Range SSH, SVH and Backscater Custy PLRM, OCCO Animater Range SSH, SVH and Backscater Custy PLRM, OCCO Animater Range Custy P | CS_OFFL_SIR_NOPN_2_20190626T074742_20190626T074806_C001 | OCOG Backscatter Quality | |
| CS_OFFL_SIR_NOPN_2_20190626T09200_20190626T10428_C001 mmd Backscatter Cuality FLRM_OCOS The Occasion Tables Service Tables Se | CS_OFFL_SIR_NOPN_2_20190626T085226_20190626T085406_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIR_NOPN_2_20190626T10402_01090526T104026_0001 Image and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T105765_00190626T10200_0001 OCOO Attracter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T112009_20190626T112000_CO01 OCOO Attracter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T121007_20190626T121202_C001 OCOO Attracter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T121007_20190626T121227_C001 OCOO Attracter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T121014_20190626T122239_C001 OCOO Attracter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T130049_20190626T13044_C001 OCOO Attracter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T130049_20190626T13044_C001 OCOO Attracter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T130049_20190626T13044_C001 OCOO Attracter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T130049_20190626T1304 | CS_OFFL_SIR_NOPN_2_20190626T090230_20190626T090413_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCCOR Description DCCOR Backscatter Duality more records CS_OFFL_SIR_NOPN_2_20100626T112009_20100626T112309_C001 DCCOR Attracter Cocord The OCCOR Backscatter Duality The OCCOR Backscatter Duality Flag Nore records CS_OFFL_SIR_NOPN_2_20100626T1121037_20190626T121227_C001 DCCOR Attracter Cocord The OCCOR Garge and Backscatter Duality Flag Nore records CS_OFFL_SIR_NOPN_2_20100626T121042_20190626T121024_20190626T130049_20190626T130044_C001 DCCOR Attracter The OCCOR Garge and Backscatter Duality Flag Nore records CS_OFFL_SIR_NOPN_2_20190626T130049_20190626T13044_C001 DCCOR Attracter Cocord Nore records Nore records CS_OFFL_SIR_NOPN_2_20190626T13004_20190626T13039_C001 DCCOR Attracter DCCOR Backscatter Nore records Nore records CS_OFFL_SIR_NOPN_2_20190626T132042_20190626T132501_C001 DCCOR Attimeter Range Quality Nore records Nore records CS_OFFL_SIR_NOPN_2_20190626T132042_20190626T132501_C001 DCCOR Attimeter Range Quality Nore records Nore records Nore records Nore records | CS_OFFL_SIR_NOPN_2_20190626T104020_20190626T104236_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| OCCOR Decksorter Quality more records. CS_OFFL_SIR_NOPN_2_20190626T121037_20190626T12127_C001 OCCOR Backscatter Quality PLRM. OCCOR Backscatter Quality PLRM. CS_OFFL_SIR_NOPN_2_20190626T121914_20190626T122359_C001 The OCCOR Ange and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T121914_20190626T122359_C001 OCCOR Alimeter Range Quality PLRM. OCCOR Backscatter Quality PLRM. CCCOR | CS_OFFL_SIR_NOPN_2_20190626T105755_20190626T105901_C001 | | |
| OCCOG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_20190626T12104_20190626T122359_C001 OCCOG Backscatter Quality PLRM, OCCG Backscatter Quality PLR | CS_OFFL_SIR_NOPN_2_20190626T112009_20190626T112309_C001 | | |
| CS_OFFL_SIR_NOPN_2_20190626T130049_20190626T130444_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, CCG Backscatter Quality PLRM, DCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T131004_20190626T131039_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, CCG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T132124_20190626T132501_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T132530_20190626T132542_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T135039_20190626T135310_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T140027_20190626T145219_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145266_20190626T145210_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimet | CS_OFFL_SIR_NOPN_2_20190626T121037_20190626T121227_C001 | | |
| CS_OFFL_SIR_NOPN_2_20190626T131004_20190626T131039_C001 OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T132124_20190626T132501_C001 OCOG Altimeter Range Quality PLRM. OCOG Backscatter Quality PLRM. OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T132530_20190626T132542_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM. OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T135039_20190626T135310_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T140027_20190626T140218_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145256_20190626T145307_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145410_20190626T145428_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145410_20190626T145428_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flag | CS_OFFL_SIR_NOPN_2_20190626T121914_20190626T122359_C001 | | |
| CS_OFFL_SIR_NOPN_2_20190626T132124_20190626T132501_C001 OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T132530_20190626T132542_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T132530_20190626T132542_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T135039_20190626T135310_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T140027_20190626T140218_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T140027_20190626T140218_C001 OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145256_20190626T145307_C001 OCCOG Altimeter Range Quality PLRM, OCCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145410_20190626T145428_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145410_20190626T145428_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145410_20190626T145428_C001 OCCG Altimeter | CS_OFFL_SIR_NOPN_2_20190626T130049_20190626T130444_C001 | | |
| CS_OFFL_SIR_NOPN_2_20190626113214_201906261132542_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_201906261132530_201906261132542_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_201906261135039_201906261135310_C001 Doean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_201906261140027_201906261140218_C001 Doean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_201906261145256_201906261140218_C001 Doean Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_201906261145256_201906261145307_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality CS_OFFL_SIR_NOPN_2_201906261145256_201906261145307_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality CS_OFFL_SIR_NOPN_2_201906261145410_201906261145428_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality CS_OFFL_SIR_NOPN_2_201906261145410_201906261145428_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality CS_OFFL_SIR_NOPN_2_201906261145410_201906261145428_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality CS_OFFL_SIR_NOPN_2_201906261145410_201906261145428_C001 OCOG Altimeter Range Quality PLRM, OCOG | CS_OFFL_SIR_NOPN_2_20190626T131004_20190626T131039_C001 | | |
| CS_OFFL_SIR_NOPN_2_201906201132030_201906261132030_201906261132030_201906261132030_201906261135030_201906261135010_C001 Occaan Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCGG Altimeter Range and Backscatter Quality PLRM, OCCGG Altimeter Range Quality PLRM, OCCGG Backscatter Quality PLRM, OCCGG Backscatter Quality PLRM, OCCGG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145266_20190626T145307_C001 OCCGG Altimeter Range Quality PLRM, OCCG Backscatter Quality PLRM, OCCG Backscatter Quality PLRM, OCCG Backscatter Quality PLRM, OCCG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145428_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality PLRM, OCCG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145428_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCGG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCGG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCGG Altimeter Range | CS_OFFL_SIR_NOPN_2_20190626T132124_20190626T132501_C001 | | |
| CS_OFFL_SIR_NOPN_2_20190626T135039_20190626T135310_C001 and Backscatter Quality PLRM, OCOG The Ocean Altimeter Range, and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T140027_20190626T140218_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T140027_20190626T140218_C001 Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145256_20190626T145307_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145410_20190626T145428_C001 Ocean Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145410_20190626T153053_C001 Ocean Altimeter Range ABackscatter Quality Flags have been set for one or more records. OCO | CS_OFFL_SIR_NOPN_2_20190626T132530_20190626T132542_C001 | | |
| CS_OFFL_SIR_NOPN_2_20190626T140027_20190626T140218_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM ind the OCGA flimiteter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20190626T145256_20190626T145307_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCGG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145210_20190626T145428_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T145410_20190626T145428_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T152920_20190626T153053_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T152920_20190626T153053_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. | CS_OFFL_SIR_NOPN_2_20190626T135039_20190626T135310_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIR_NOPN_2_20190626T145305_20190626T145428_C001 OCOG Backscatter Quality Immore records. CS_OFFL_SIR_NOPN_2_20190626T145410_20190626T145428_C001 OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20190626T152920_20190626T153053_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Ouality PLRM OCOG Altimeter Range Ouality The OCOG Range and Backscatter Quality | CS_OFFL_SIR_NOPN_2_20190626T140027_20190626T140218_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIR_NOPN_2_20190626T152920_20190626T153053_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_NOPN_2_20190626T152920_20190626T153053_C001 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 have been set for one or more records. OCOG Altimeter Range Quality PLRM Ocean Altimeter Range Quality PLRM The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. | CS_OFFL_SIR_NOPN_2_20190626T145256_20190626T145307_C001 | | |
| CS_OFFL_SIR_NOPN_2_20190626T152920_20190626T153053_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM OCOG Altimeter Range Quality PLRM The OCOG Range and Backscatter Quality Flags have been set for one or | CS_OFFL_SIR_NOPN_2_20190626T145410_20190626T145428_C001 | OCOG Backscatter Quality | |
| OCOG Altimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or | CS_OFFL_SIR_NOPN_2_20190626T152920_20190626T153053_C001 | and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality | and the OCOG Altimeter Range and Backscatter Quality Flags have been |
| CS_OFFL_SIR_NOPN_2_20190626T153558_20190626T153605_C001 OCOG Backscatter Quality I and Dackscatter Quality I and Dackscatt | CS_OFFL_SIR_NOPN_2_20190626T153558_20190626T153605_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |

| CS_OFFL_SIR_NOPN_2_20190626T164947_20190626T165143_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
|---|---|--|
| CS_OFFL_SIR_NOPN_2_20190626T171630_20190626T171741_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T175755_20190626T175828_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T180740_20190626T180802_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T184850_20190626T185015_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T200424_20190626T200515_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T202933_20190626T203221_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T203427_20190626T203953_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T221838_20190626T222019_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T224719_20190626T225026_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T230417_20190626T230528_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T232641_20190626T233244_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T234100_20190626T234242_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPN_2_20190626T234616_20190626T234950_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T011331_20190626T011511_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T022850_20190626T023104_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T030523_20190626T030638_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T030734_20190626T030914_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T035405_20190626T035717_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T044300_20190626T044442_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T054651_20190626T054900_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T062659_20190626T063613_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T071229_20190626T071456_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T072600_20190626T072859_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T080810_20190626T081237_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T081237_20190626T081600_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T090413_20190626T091019_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| | | |

| CS_OFFL_SIR_NOPR_2_20190626T104236_20190626T104744_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
|---|---|--|
| CS_OFFL_SIR_NOPR_2_20190626T110201_20190626T110413_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T111855_20190626T112009_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T112309_20190626T112407_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T122359_20190626T122525_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T125739_20190626T130017_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T131039_20190626T131139_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T132501_20190626T132530_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T132615_20190626T132704_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T154105_20190626T154322_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T162836_20190626T163027_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T163733_20190626T163747_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T163820_20190626T163928_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T165838_20190626T170241_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T170724_20190626T170938_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T181131_20190626T181502_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T185832_20190626T190154_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T194943_20190626T195958_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T202252_20190626T202933_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T203953_20190626T204157_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T214838_20190626T214941_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T220319_20190626T220901_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T231159_20190626T231331_C001 | OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality | The OCOG Range and Backscatter Quality Flags have been set for one or more records. |
| CS_OFFL_SIR_NOPR_2_20190626T234520_20190626T234616_C001 | Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM | The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. |
| 12 Quality Flags (1 Hz & 1Hz DI DM) | | |

L2 Quality Flags (1 Hz & 1Hz PLRM)

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

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

L2 Retracking Flags (20Hz)

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

Ocean Retracking Quality Flag: This flag is currently set for products falling at ocean/ land boundaries, but this is expected.

56

143

Number of products with errors:

L2 Retracking Flags (20Hz, PLRM)

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

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