







1. Overview

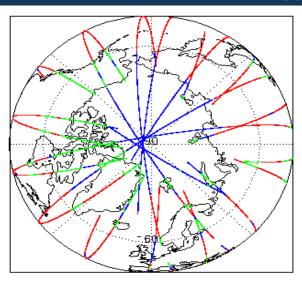
Report Production:	22-Nov-2019
Processor Used:	CryoSat Ocean Processor
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data

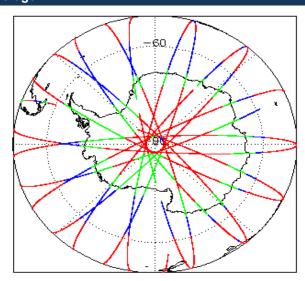
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 5.4
Measurement Confidence Data Check	See Section 4.5, 4.6
Measurement Quality Flag Check	See Section 5.6
Ocean Retracking Quality Check	See Section 5.7

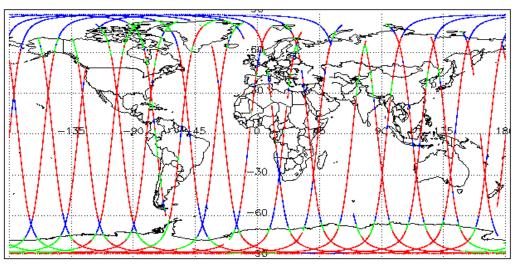
Mission / Instrument News		
20-Nov-2019		
21-Nov-2019	None	

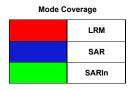
22-Nov-2019 Nothing planned

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

4. 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 I1b_proc_flag_hr flag is currently set all L1B IOPR and IOPN products because the I1b_processing_quality_hr field is not correctly configured in the OSAR and OSARIn chains. A modification is required in the pert 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:

Λ

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

0

4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

Ω

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:

17

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20191121T043629_20191121T043938_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20191121T131233_20191121T131748_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20191121T143840_20191121T144920_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20191121T234113_20191122T000227_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191121T050140_20191121T050653_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191121T154629_20191121T155203_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191121T164530_20191121T164739_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191121T213751_20191121T213848_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191121T214824_20191121T214941_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191121T000951_20191121T001713_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191121T010627_20191121T011016_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191121T014859_20191121T015615_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191121T110016_20191121T110402_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191121T163925_20191121T164034_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191121T204306_20191121T204722_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191121T213848_20191121T214638_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191121T222315_20191121T222708_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:

0

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

0

5.4 L2 Auxiliary Correction Error Check

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

Currently, there are some common auxiliary correction errors raised in the Level 2 products 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.
- > 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_20191121T021525_20191121T023234_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_NOPM_2_20191121T065413_20191121T065512_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_20191121T000828_20191121T000951_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_20191121T010518_20191121T010627_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_20191121T024220_20191121T024413_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_20191121T032556_20191121T032724_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_20191121T032724_20191121T032813_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 heigh (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20191121T050140_20191121T050653_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_20191121T055127_20191121T055419_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_20191121T060041_20191121T060341_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_20191121T064133_20191121T064515_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 heigh (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20191121T105027_20191121T105152_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_20191121T105710_20191121T110016_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_20191121T115816_20191121T115837_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_20191121T123011_20191121T123204_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_20191121T123610_20191121T123815_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_20191121T133144_20191121T133230_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_20191121T141048_20191121T141322_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_20191121T150558_20191121T150717_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_20191121T154629_20191121T155203_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_20191121T164530_20191121T164739_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_20191121T172810_20191121T172947_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_20191121T173836_20191121T174041_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_20191121T182443_20191121T182929_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_20191121T191627_20191121T191852_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_20191121T204723_20191121T205115_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_20191121T213306_20191121T213429_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_20191121T213751_20191121T213848_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_20191121T222708_20191121T223021_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_20191121T223536_20191121T223647_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_20191121T000951_20191121T001713_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_20191121T014859_20191121T015615_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_20191121T030341_20191121T030554_C001	Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide heigh (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPR_2_20191121T032813_20191121T033517_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_20191121T050653_20191121T051408_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_20191121T064515_20191121T064553_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_20191121T195929_20191121T200513_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_20191121T212755_20191121T212932_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_20191121T213247_20191121T213305_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_20191121T213848_20191121T214638_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_20191121T231659_20191121T232817_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

0

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (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.

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20191121T001749_20191121T004012_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_20191121T004120_20191121T005253_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_20191121T005715_20191121T010104_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_20191121T010121_20191121T010518_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_20191121T011017_20191121T013620_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_20191121T013638_20191121T014349_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_20191121T015849_20191121T021043_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_20191121T021525_20191121T023234_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_20191121T023445_20191121T024002_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_20191121T024021_20191121T024220_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_20191121T025044_20191121T030339_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_20191121T030554_20191121T032255_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_20191121T034518_20191121T035544_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_20191121T035723_20191121T041109_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_20191121T041410_20191121T041913_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_20191121T041937_20191121T042052_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_20191121T042744_20191121T042842_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_20191121T043629_20191121T043938_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_20191121T045055_20191121T045806_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_20191121T045929_20191121T050113_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_20191121T052703_20191121T053156_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_20191121T053249_20191121T055008_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_20191121T055420_20191121T055829_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_20191121T060543_20191121T063036_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_20191121T063039_20191121T063129_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_20191121T070522_20191121T072910_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_20191121T073219_20191121T073743_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_20191121T073750_20191121T074115_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_20191121T074518_20191121T081655_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_20191121T084019_20191121T084834_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_20191121T084837_20191121T090212_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_20191121T090406_20191121T090820_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_20191121T091216_20191121T092022_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_20191121T092547_20191121T095746_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_20191121T101047_20191121T101202_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_20191121T104108_20191121T104612_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_20191121T105152_20191121T105709_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_20191121T110402_20191121T112521_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_20191121T112807_20191121T113830_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_20191121T114903_20191121T115343_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_20191121T120931_20191121T121415_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_20191121T121603_20191121T122615_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_20191121T123312_20191121T123609_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_20191121T124322_20191121T130025_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_20191121T131232_20191121T131748_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_20191121T133230_20191121T133923_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_20191121T133937_20191121T140348_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_20191121T141322_20191121T141516_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_20191121T142241_20191121T142701_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_20191121T142754_20191121T143827_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_20191121T143840_20191121T144920_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_20191121T151241_20191121T152738_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_20191121T153442_20191121T154623_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_20191121T155204_20191121T155432_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_20191121T155458_20191121T155923_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_20191121T160147_20191121T161607_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_20191121T161747_20191121T162404_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_20191121T165113_20191121T165317_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_20191121T165802_20191121T170150_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_20191121T170313_20191121T170938_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_20191121T170942_20191121T172617_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_20191121T172947_20191121T173836_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_20191121T174134_20191121T180306_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_20191121T184105_20191121T190508_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_20191121T191200_20191121T191626_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_20191121T201344_20191121T201624_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_20191121T201749_20191121T204306_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_20191121T205115_20191121T205704_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_20191121T210029_20191121T212504_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_20191121T213613_20191121T213713_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_20191121T214941_20191121T222315_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_20191121T223021_20191121T223535_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_20191121T224219_20191121T224535_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_20191121T231256_20191121T231659_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_20191121T232818_20191121T233827_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_20191121T234113_20191122T000227_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_20191121T120602_20191121T120635_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_20191121T181422_20191121T181601_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_20191121T195701_20191121T195712_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_20191121T230751_20191121T230844_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_20191121T231151_20191121T231255_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_20191121T095917_20191121T095941_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_20191121T152738_20191121T153036_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_20191121T195713_20191121T195926_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_20191121T224535_20191121T225146_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (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.

Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20191121T000828_20191121T000951_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_20191121T023305_20191121T023445_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_20191121T034150_20191121T034518_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_20191121T043325_20191121T043619_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_20191121T043956_20191121T044504_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_20191121T044932_20191121T045055_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_20191121T050140_20191121T050653_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_20191121T052306_20191121T052616_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_20191121T055127_20191121T055419_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_20191121T064133_20191121T064515_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_20191121T070111_20191121T070332_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.

CO. CRF., SRF, NOPRI 2. 20191121T102916 22019121T102915 CO. CO. CRF., SRF, NOPRI 2. 20191121T102916 22019121T102915 CO. CRF., SRF, NOPRI 2. 20191121T102916 CRF., SRF, NOPRI 2. 20191121T102915 CRF., SRF, NOPRI 2. 201911	CS_OFFL_SIR_NOPN_2_20191121T070403_20191121T070522_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Co. DRF., DRR, NORM-2, 2016/10/110303-26191/1110106, DB1 CO. DRF., DRR, NORM-2, 2016/11/11010303-26191/1110106, DB1 CO. DRF., DRR, NORM-2, 2016/11/1101031, DB1 CO. DRF., DRR, NORM-2, 2016/11/11011031, DB1 CO. DRF., DRR, NORM-2, 2016/11/1101031, DB1 CO. DRF., DRR, NORM-2, 2016/11/1101031, DB1 CO. DRF., DRR, NORM-2, 2016/11/1101031, DB1 CO. DRF., DRR, NORM-2, 2016/11/110103200, DB1 CO. DRF., DRR, NORM-2, 2016/11/110103200, DB1 CO. DRR, DRR, NORM-2, 2016/1101103200, DB1 CO. DRR, DRR, NORM-2	CS_OFFL_SIR_NOPN_2_20191121T081655_20191121T082207_C001		
Co. OFFL. Bill. NOPPL_2. 2019/11/11/19/19/20/20/2019/11/19/30/20 CO. OCC American Country FMA; The OCCO Response il Basicanter Country FMA; The OCCO Respons	CS_OFFL_SIR_NOPN_2_20191121T083130_20191121T083255_C001		
COLOFFL, SIR, NOPIL 2, 20191121T105102, 20191121T105102, 2001 COLOFFL, SIR, NOPIL 2, 20191121T105102, 20191121T105105, 2001 COLOFFL, SIR, NOPIL 2, 20191121T105102, 20191121T105105, 2001 COLOFFL, SIR, NOPIL 2, 20191121T105105, 20191121T105105, 2001 COLOFFL, SIR, NOPIL 2, 20191121T105105, 20191121T105105, 2001 COLOFFL, SIR, NOPIL 2, 20191121T105105, 2001 COLOFFL, SIR, NOPIL 2, 20191121T105105, 2001 COLOFFL, SIR, NOPIL 2, 20191121T105105, 20191121T105010, 2001 COLOFFL, SIR, NOPIL 2, 20191121T105105, 20191121T105005, 2001 COLOFFL, SIR, NOPIL 2, 20191121T105010, 20191121T105005, 2001 COLOFFL, SIR, NOPIL 2, 20191121T105005, 20191121T105005, 2001 COLOFFL, SIR, NOPIL 2, 20191121T105005, 20191121T105005, 2001 COLOFFL, SIR, NOPIL 2, 20191121T105005, 20191121T105000, 2001 COLOFFL, SIR, NOPIL 2, 20191121T105000, 20191121T105000, 2001 C	CS_OFFL_SIR_NOPN_2_20191121T095746_20191121T095916_C001		
COD GRANDELLE CARRY COD GRAND	CS_OFFL_SIR_NOPN_2_20191121T101202_20191121T101218_C001		
CS_OFFL_SIR_NORN_2_20191121T10015_20191121T10016_C001 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T110016_C001 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T110016_C001 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T110016_C001 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T110016_C001 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T110016_C001 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T120003 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T120003 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T120003 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T120003 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T120003 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T120003 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T120003 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T120003 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T120003 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T100003 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T120003 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T100003 CS_OFFL_SIR_NORN_2_20191121T10016_D0119121T100003 CS_OFFL_SIR_NORN_2_20191121T100003 CS_O	CS_OFFL_SIR_NOPN_2_20191121T101339_20191121T101502_C001		
CS_OFFL_SIR_NOPN_2_20191121T16919_20191121T16985_C001 CS_OFFL_SIR_NOPN_2_20191121T16919_20191121T15985_C001 CS_OFFL_SIR_NOPN_2_20191121T159222_20191121T15985_C001 CS_OFFL_SIR_NOPN_2_20191121T15922_20191121T15985_C001 CS_OFFL_SIR_NOPN_2_20191121T15922_20191121T15985_C001 CS_OFFL_SIR_NOPN_2_20191121T15922_20191121T15985_C001 CS_OFFL_SIR_NOPN_2_20191121T15922_20191121T15925_C001 CS_OFFL_SIR_NOPN_2_20191121T14098_20191121T14150_C001 CS_OFFL_SIR_NOPN_2_20191121T141516_20191121T14150_C001 CS_OFFL_SIR_NOPN_2_20191121T141516_C0191121T14150_C001 CS_OFFL_SIR_NOPN_2_20191121T141516_C0191121T14150_C001 CS_OFFL_SIR_NOPN_2_20191121T141516_C0191121T14151_C001 CS_OFFL_SIR_NOPN_2_20191121T16164_C0191121T14151_C001 CS_OFFL_SIR_NOPN_2_20191121T16164_C0191121T14151_C001 CS_OFFL_SIR_NOPN_2_20191121T16164_C001 CS_OFFL_SIR_NOPN_2_20191121T16164_C001 CS_OFFL_SIR_NOPN_2_20191121T16164_C001 CS_OFFL_SIR_NOPN_2_20191121T16164_C001 CS_OFFL_SIR_NOPN_2_20191121T16164_C001 CS_OFFL_SIR_NOPN_2_20191121T16016_20191121T141510_C001 CS_OFFL_SIR_NOPN_2_20191121T16016_20191121T161010_C001 CS_OFFL_SIR_NOPN_2_20191121T16016_20191121T161010_C001 CS_OFFL_SIR_NOPN_2_20191121T16016_20191121T161010_C001 CS_OFFL_SIR_NOPN_2_20191121T16016_20191121T161010_C001 CS_OFFL_SIR_NOPN_2_20191121T16016_20191121T161010_C001 CS_OFFL_SIR_NOPN_2_20191121T16016_20191121T161010_C001 CS_OFFL	CS_OFFL_SIR_NOPN_2_20191121T101919_20191121T101937_C001		
GS_OFFL_SIR_NOPN_2_20191121T119314_20191121T19323_0001 GS_OFFL_SIR_NOPN_2_20191121T19314_20191121T19333_0001 GS_OFFL_SIR_NOPN_2_20191121T19314_20191121T19333_0001 GS_OFFL_SIR_NOPN_2_20191121T19314_20191121T19333_0001 GS_OFFL_SIR_NOPN_2_20191121T19314_20191121T19333_0001 GS_OFFL_SIR_NOPN_2_20191121T19314_20191121T19333_0001 GS_OFFL_SIR_NOPN_2_20191121T19324_20191121T19333_0001 GS_OFFL_SIR_NOPN_2_20191121T193344_20191121T19333_0001 GS_OFFL_SIR_NOPN_2_20191121T193344_20191121T19330_0001 GS_OFFL_SIR_NOPN_2_20191121T19330_0001 GS_OFFL_SIR_NOPN_2_20191121T19330_0001 GS_OFFL_SIR_NOPN_2_20191121T19330_0001 GS_OFFL_SIR_NOPN_2_20191121T19330_0001 GS_OFFL_SIR_NOPN_2_20191121T19330_0001 GS_OFFL_SIR_NOPN_2_20191121T19330_0001 GG_OFFL_SIR_NOPN_2_20191121T19330_0001 GG_OFFL_SIR_	CS_OFFL_SIR_NOPN_2_20191121T103051_20191121T103115_C001		
SS, OFFL_SIR_NOPN_2_20191121T143816_20191121T143815_C001 CS_OFFL_SIR_NOPN_2_20191121T132815_20191121T132815_C001 CS_OFFL_SIR_NOPN_2_20191121T132815_C001 CS_OFFL_SIR_NOPN_2_20191121T13280_20191121T132835_C001 CS_OFFL_SIR_NOPN_2_20191121T13280_20191121T132805_C001 CS_OFFL_SIR_NOPN_2_20191121T132805_C001 CS_OFFL_SIR_NOPN_2_20191121T132805_C001 CS_OFFL_SIR_NOPN_2_20191121T132805_C001 CS_OFFL_SIR_NOPN_2_20191121T132805_C001 CS_OFFL_SIR_NOPN_2_20191121T132805_C001 CS_OFFL_SIR_NOPN_2_20191121T1413260_C001 CS_OFFL_SIR_NOPN_2_20191121T1413260_C001 CS_OFFL_SIR_NOPN_2_20191121T1413220_C001 CS_OFFL_SIR_NOPN_2_20191121T14152_C001 CS_OFFL_SIR_NOPN_2_20191121T14152_C001 CS_OFFL_SIR_NOPN_2_20191121T14152_C001 CS_OFFL_SIR_NOPN_2_20191121T14152_C001 CS_OFFL_SIR_NOPN_2_20191121T14152_C001 CS_OFFL_SIR_NOPN_2_20191121T14150_C001 CS_OFFL_SIR_NOPN_2_20191121T1450_C001 CS_OFFL_SIR_NOPN_2_20191121T1450_C001 CS_OFFL_SIR_NOPN_2_20191121T1450_C001 CS_OFFL_SIR_NOPN_2_20191121T1450_C0019112T11450_C001 CCG_OFFL_SIR_NOPN_2_20191121T1450_C0019112T11450_C001 CCG_OFFL_SIR_NOPN_2_20191121T1450_C0019112T11450_C001 CCG_OFFL_SIR_NOPN_2_20191121T1450_C0019112T11450_C001 CCG_OFFL_SIR_NOPN_2_20191121T1450_C0019112T1151241_C001 CCG_OFFL_SIR_NOPN_2_20191121T1450_C0019112T1151241_C001 CCG_OFFL_SIR_NOPN_2_20191121T1450_C0019112T1151241_C001 CCG_OFFL_SIR_NOPN_2_20191121T1450_C0019112T1151241_C001 CCG_OFFL_SIR_NOPN_2_20191121T1760_C0019112T1176040_C0019112T1176040_C0019112T1176040_C0019112T1176040_C0019112T1176040_C0019112T1176040_C0019112T1176040_C0019112T1	CS_OFFL_SIR_NOPN_2_20191121T105710_20191121T110016_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCOS Backscatter Quality PLRM, COCO To, and Minumer Range, SSHA, SWH and Backscatter Quality Flags, and Backscatter Quality	CS_OFFL_SIR_NOPN_2_20191121T115816_20191121T115837_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and fleadocated Quality PLRM, COOD and Remote Planes and Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20191121T13206_20191121T13295_COO1 CS_OFFL_SIR_NOPN_2_20191121T13206_20191121T13230_COO1 CS_OFFL_SIR_NOPN_2_20191121T13206_20191121T13230_COO1 CS_OFFL_SIR_NOPN_2_20191121T13206_20191121T13230_COO1 CS_OFFL_SIR_NOPN_2_20191121T13206_20191121T13230_COO1 CS_OFFL_SIR_NOPN_2_20191121T13206_20191121T13230_COO1 CS_OFFL_SIR_NOPN_2_20191121T14104_2019112T114130_COO1 CS_OFFL_SIR_NOPN_2_20191121T14104_2019112T114130_COO1 CS_OFFL_SIR_NOPN_2_20191121T145104_2019112T114130_COO1 CS_OFFL_SIR_NOPN_2_2019112T1145104_2019112T114130_COO1 CS_OFFL_SIR_NOPN_2_2019112T114504_2019112T114530_COO1 CS_OFFL_SIR_NOPN_2_2019112T115104_2019112T114530_COO1 CS_OFFL_SIR_NOPN_2_2019112T115104_2019112T114530_COO1 CS_OFFL_SIR_NOPN_2_2019112T115104_2019112T115130_COO1 CCC_OFFL_SIR_NOPN_2_2019112T115105_2019112T115104_COO1 CCC_OFFL_SIR_NOPN_2_2019112T115105_2019112T115030_COO1 CCC_OFFL_SIR_NOPN_2_2019112T115030_2019112T115030_COO1 CCC_OFFL_SIR_NOPN_2_2019112T115030_2019112T115030_COO1 CCC_OFFL_SIR_NOPN_2_2019112T115030_2019112T115030_COO1 CCC_OFFL_SIR_NOPN_2_2019112T115030_2019112T115030_COO1 CCC_OFFL_SIR_NOPN_2_2019112T115030_2019112T115030_COO1 CCC_OFFL_SIR_NOPN_2_2019112T115030_2019112T1	CS_OFFL_SIR_NOPN_2_20191121T123610_20191121T123815_C001		
and Backscatter Quality PLRN, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more secords. CS_OFFL_SIR_NOPN_2_20191121T1432826_20191121T143223_C001 CS_OFFL_SIR_NOPN_2_20191121T141048_20191121T143223_C001 CS_OFFL_SIR_NOPN_2_20191121T141048_20191121T14322_C001 CS_OFFL_SIR_NOPN_2_20191121T141048_20191121T14132_C001 CS_OFFL_SIR_NOPN_2_20191121T141048_20191121T14133_C001 CS_OFFL_SIR_NOPN_2_20191121T141048_20191121T14133_C001 CS_OFFL_SIR_NOPN_2_20191121T141048_20191121T1423_C001 CS_OFFL_SIR_NOPN_2_20191121T142002_20191121T1423_C001 CS_OFFL_SIR_NOPN_2_20191121T145104_20191121T1453_C001 CS_OFFL_SIR_NOPN_2_20191121T145104_20191121T1453_C001 CS_OFFL_SIR_NOPN_2_20191121T145104_20191121T1523_C001 CS_OFFL_SIR_NOPN_2_20191121T16513_C001 CS_OFFL_SIR_NOPN_2_20191121T16513_C001 CS_OFFL_SIR_NOPN_2_20191121T16534_20191121T16513_C001 CS_OFFL_SIR_NOPN_2_20191121T16534_20191121T16544_C001 CS_OFFL_SIR_NOPN_2_20191121T16534_20191121T16544_C001 CS_OFFL_SIR_NOPN_2_20191121T16534_20191121T16544_C001 CS_OFFL_SIR_NOPN_2_20191121T16534_20191121T16544_C001 CS_OFFL_SIR_NOPN_2_20191121T16534_20191121T16544_C001 CS_OFFL_SIR_NOPN_2_20191121T16534_20191121T16544_C001 CS_OFFL_SIR_NOPN_2_20191121T16534_20191121T16544_C001 CS_OFFL_SIR_NOPN_2_20191121T16534_20191121T16544_C001 CS_OFFL_SIR_NOPN_2_20191121T16534_20191121T16544_C001 CS_OFFL_SIR_NOPN_2_20191121T16534_20191121T176312_C001 CS_OFFL_SIR_NOPN_2_20191121T16535_20191121T176312_C001 CS_OFFL_SIR_NOPN_2_20191121T178051_20191121T176312_C001	CS_OFFL_SIR_NOPN_2_20191121T132722_20191121T132803_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_20191121T13144_20191121T133220_C001 CS_OFFL_SIR_NOPN_2_20191121T141048_20191121T141322_C001 CS_OFFL_SIR_NOPN_2_20191121T141048_20191121T141322_C001 CS_OFFL_SIR_NOPN_2_20191121T141048_20191121T141322_C001 CS_OFFL_SIR_NOPN_2_20191121T141048_20191121T141322_C001 CS_OFFL_SIR_NOPN_2_20191121T141048_20191121T14130_C001 CS_OFFL_SIR_NOPN_2_20191121T141048_20191121T14200_C001 CS_OFFL_SIR_NOPN_2_20191121T141048_20191121T14200_C001 CS_OFFL_SIR_NOPN_2_20191121T141040_20191121T14200_C001 CS_OFFL_SIR_NOPN_2_20191121T161040_20191121T16300_C001 CS_OFFL_SIR_NOPN_2_20191121T161048_20191121T16300_C001 CS_OFFL_SIR_NOPN_2_20191121T161048_20191121T16300_C001 CS_OFFL_SIR_NOPN_2_20191121T161040_C001 CS_OFFL_SIR_NOPN_2_20191121T16001_C001 CS_OFFL_SIR_NOPN_2_20191121T16001_C001 CS_OFFL_SIR_NOPN_2_20191121T16001_C001 CS_OFFL_SIR_NOPN_2_20191121T16001_C001 CS_OFFL_SIR_NOPN_2_20191121T16001_C001 CS_OFFL_SIR_NOPN_2_20191121T16001_C001 CS_OFFL_SIR_NOPN_2_20191121T16001_C001 CS_OFFL_SIR_NOPN_2_20191121T16001_C0011121T17001_C001 CS_OFFL_SIR_NOPN_2_20191121T16001_C0011121T17001_C001 CS_OFFL_SIR_NOPN_2_20191121T16001_C0011121T17001_C001 CS_OFFL_SIR_NOPN_2_20191121T16001_C0011121T17001_C001 CS_OFFL_SIR_NOPN_2_20191121T16001_C0011121T17001_C001 CS_OFFL_SIR_NOPN_2_20191121T16001_C0011121T17001_C001 CS_OFFL_SIR_NOPN_2_20191121T17001_C0011121T17001_C001 CS_OFFL_SIR_NOPN_2_20191121T17001_C0011121T17001_C001 CS_OFFL_SIR_NOPN_2_20191121T17001_C0011121T17001_C001 CS_OFFL_SIR_NOPN_2_20191121T170010_C0011121T170010_C001 CS_OFFL_SIR_NOPN_2_20191121T170010_C0011121T170010_C001 CS_OFFL_SIR_NOPN_2_20191121T170010_C0011121T170010_C001 CS_OFFL_SIR_NOPN_2_20191121T170010_C001112T170010_C001 CS_OFFL_SIR_NOPN_2_20191121T170010_C001112T170010_C001 CS_OFFL_SIR_NOPN_2_20191121T170010_C001112T170010_C001 CS_OFFL_SIR_NOPN_2_20191121T170010_C001112T170010_C001 CS_OFFL_SIR_NOPN_2_20191121T170010_C001112T170010_C001 CS_OFFL_SIR_NOPN_2_20191121T170010_C001112T170010_C001 CS_OFFL_SIR_NOPN_2_20191121T170010_C001112T1700	CS_OFFL_SIR_NOPN_2_20191121T132826_20191121T132953_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_20191121T14108_20191121T141745_C001 CS_OFFL_SIR_NOPN_2_20191121T141516_20191121T141745_C001 CS_OFFL_SIR_NOPN_2_20191121T142130_C001 CS_OFFL_SIR_NOPN_2_20191121T142130_C001 CS_OFFL_SIR_NOPN_2_20191121T145104_20191121T145300_C001 CS_OFFL_SIR_NOPN_2_20191121T15122_20191121T151241_C001 CS_OFFL_SIR_NOPN_2_20191121T15122_20191121T151241_C001 CS_OFFL_SIR_NOPN_2_20191121T15122_20191121T165113_C001 CS_OFFL_SIR_NOPN_2_20191121T165318_20191121T165132_C001 CS_OFFL_SIR_NOPN_2_20191121T165318_20191121T165440_C001 CS_OFFL_SIR_NOPN_2_20191121T165318_20191121T165440_C001 CS_OFFL_SIR_NOPN_2_20191121T176318_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T17050_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T1050_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T17050_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T17050_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T17050_20191121T170312_C001	CS_OFFL_SIR_NOPN_2_20191121T133144_20191121T133230_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_20191121T142102_20191121T142130_C001 CS_OFFL_SIR_NOPN_2_20191121T142104_20191121T14230_C001 CS_OFFL_SIR_NOPN_2_20191121T145104_20191121T145300_C001 CS_OFFL_SIR_NOPN_2_20191121T151122_20191121T151241_C001 CS_OFFL_SIR_NOPN_2_20191121T165132_20191121T165131_C001 CS_OFFL_SIR_NOPN_2_20191121T165318_20191121T165440_C001 CS_OFFL_SIR_NOPN_2_20191121T165318_20191121T165440_C001 CS_OFFL_SIR_NOPN_2_20191121T17050_20191121T170512_C001 CS_OFFL_SIR_NOPN_2_20191121T172810_20191121T172947_C001 CS_OFFL_SIR_NOPN_2_20191121T172810_20191121T170512_C0191121T172947_C001 CS_OFFL_SIR_NOPN_2_20191121T172810_20191121T172947_C001 CS_OFFL_SIR_NOPN_2_20191121T172810_20191121T172947_C001 CS_OFFL_SIR_NOPN_2_20191121T172810_20191121T1780819_C001 CS_OFFL_SIR_NOPN_2_20191121T1780512_20191121T1780819_C001 CS_OFFL_SIR_NOPN_2_20191121T1780512_20191121T1780819_C001 CS_OFFL_SIR_NOPN_2_20191121T1780512_20191121T1780819_C001 CS_OFFL_SIR_NOPN_2_20191121T1780512_20191121T1780819_C001 CS_OFFL_SIR_NOPN_2_20191121T1780819_C0191121T1780819_C001 CS_OFFL_SIR_NOPN_2_20191121T1780815_20191121T180819_C001 CS_OFFL_SIR_NOPN_2_20191121T180815_20191121T180819_C001 CCG_Altimeter Range Quality PLRM. COG_Backscatter Quality CCG_Altimeter Range Quality PLRM. COG_Backscatter Quality PLRM. COG_Backscatter Quality CCG_Altimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCG_Altimeter Range Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPN_2_20191121T141048_20191121T141322_C001		
CS_OFFL_SIR_NOPN_2_20191121T142002_20191121T145104_20191121T145300_C001 CS_OFFL_SIR_NOPN_2_20191121T145104_20191121T145300_C001 CS_OFFL_SIR_NOPN_2_20191121T151122_20191121T151241_C001 CS_OFFL_SIR_NOPN_2_20191121T164843_20191121T165113_C001 CS_OFFL_SIR_NOPN_2_20191121T164843_20191121T165113_C001 CS_OFFL_SIR_NOPN_2_20191121T165318_20191121T165440_C001 CS_OFFL_SIR_NOPN_2_20191121T165318_20191121T165440_C001 CS_OFFL_SIR_NOPN_2_20191121T170150_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170150_20191121T180819_C001 CS_OFFL_SIR_NOPN_2_20191121T180512_20191121T180819_C001 CCG_Altimeter Range_Quality PLRM_OCOG_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCG_OFFL_SIR_NOPN_2_20191121T180915_20191121T18049_C001 CCG_Altimeter Range_Quality PLRM_OCOG_Altimeter Range_RSHA, SWH and Backscatter Quality Flags have been set for one or more records. CCG_Altimeter Range_ASHA, SWH and Backscatter Quality Flags have been set for one or more records. CCG_Altimeter Range_ASHA, SWH and Backscatter Quality Flags have been set for one or more records. CCG_Altimeter Range_ASHA, SWH and Backscatter Quality Flags have been set for one or more records. CCG_Altimeter Range_ASHA, SWH and Backscatter Q	CS_OFFL_SIR_NOPN_2_20191121T141516_20191121T141745_C001		
CS_OFFL_SIR_NOPN_2_20191121T165113_C001 CS_OFFL_SIR_NOPN_2_20191121T165113_C001 CS_OFFL_SIR_NOPN_2_20191121T165318_20191121T165113_C001 CS_OFFL_SIR_NOPN_2_20191121T165318_20191121T165440_C001 CS_OFFL_SIR_NOPN_2_20191121T170150_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170150_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170150_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170150_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170310_C0191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170310_C0191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170310_C0191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170310_C0191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170310_C0191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170310_C0191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170310_C0191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170310_C0191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T100512_C0191121T180819_C001 CS_OFFL_SIR_NOPN_2_20191121T100915_C0191121T181049_C001 CS_OFFL_SIR_NOPN_2_20191121T100915_C0191121T181049_C001 CS_OFFL_SIR_NOPN_2_20191121T100915_C0191121T180919_C001 CS_OFFL_SIR_NOPN_2_20191121T100915_C0191121T180919_C001 CS_OFFL_SIR_NOPN_2_20191121T100915_C0191121T180919_C001 CS_OFFL_SIR_NOPN_2_20191121T100915_C0191121T180919_C001 CS_OFFL_SIR_NOPN_2_20191121T100915_C0191121T180919_C001 CS_OFFL_SIR_NOPN_2_20191121T100915_C0191121T180919_C001 CS_OFFL_SIR_NOPN_2_20191121T100915_C0191121T180919_C001 CS_OFFL_SIR_NOPN_2_20191121T100915_C0191121T180919_C001 CS_OFFL_SIR_NOPN_2_20191121T100915_C0191121T180919_C001 CS_OFFL_SIR_NOPN_2_20191121T100915_C0191121T10091000000000000000000000000000	CS_OFFL_SIR_NOPN_2_20191121T142002_20191121T142130_C001		
CS_OFFL_SIR_NOPN_2_20191121T165113_C001 CS_OFFL_SIR_NOPN_2_20191121T165318_20191121T165440_C001 CS_OFFL_SIR_NOPN_2_20191121T165318_20191121T165440_C001 CS_OFFL_SIR_NOPN_2_20191121T170150_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170150_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T172810_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T172810_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T172810_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T1780512_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T180512_20191121T180819_C001 CS_OFFL_SIR_NOPN_2_20191121T180512_20191121T180819_C001 CS_OFFL_SIR_NOPN_2_20191121T180915_20191121T18049_C001 CS_OFFL_SIR_NOPN_2_20191121T180915_20191121T18049_C001 CS_OFFL_SIR_NOPN_2_20191121T180915_20191121T180929_C001 CS_OFFL_SIR_NOPN_2_20191121T180915_20191121T180929_C001 CS_OFFL_SIR_NOPN_2_20191121T180915_20191121T180929_C001 CS_OFFL_SIR_NOPN_2_20191121T180915_20191121T180910_C001 CS_OFFL_SIR_NOPN_2_20191121T180910_C001 CS_OFFL_SIR_NOPN_2_20191121	CS_OFFL_SIR_NOPN_2_20191121T145104_20191121T145300_C001		
CS_OFFL_SIR_NOPN_2_20191121T165318_20191121T165440_C001 CS_OFFL_SIR_NOPN_2_20191121T170150_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170150_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T172810_20191121T172947_C001 CS_OFFL_SIR_NOPN_2_20191121T172810_20191121T172947_C001 CS_OFFL_SIR_NOPN_2_20191121T180512_20191121T180819_C001 CS_OFFL_SIR_NOPN_2_20191121T180915_20191121T18049_C001 CS_OFFL_SIR_NOPN_2_20191121T180915_20191121T18049_C001 CS_OFFL_SIR_NOPN_2_20191121T180412_20191121T180915_20191	CS_OFFL_SIR_NOPN_2_20191121T151122_20191121T151241_C001		
CS_OFFL_SIR_NOPN_2_20191121T180318_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T170312_C001 CS_OFFL_SIR_NOPN_2_20191121T172810_20191121T172947_C001 CS_OFFL_SIR_NOPN_2_20191121T180512_20191121T180819_C001 CS_OFFL_SIR_NOPN_2_20191121T180915_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 OCOG Altimeter Range Quality PLRM, 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. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPN_2_20191121T164843_20191121T165113_C001		
CS_OFFL_SIR_NOPN_2_20191121T180512_20191121T180819_C001 CS_OFFL_SIR_NOPN_2_20191121T180512_20191121T180819_C001 CS_OFFL_SIR_NOPN_2_20191121T180915_20191121T180915_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CCOG Backscatter Quality PLRM, 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_20191121T182443_20191121T182929_C001 CCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPN_2_20191121T165318_20191121T165440_C001		
CS_OFFL_SIR_NOPN_2_20191121T172810_20191121T172947_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20191121T180512_20191121T180819_C001 CS_OFFL_SIR_NOPN_2_20191121T180915_20191121T181049_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T19200_C001 CS_OFFL_SIR_NOPN_2_20191121T19200_C001 CS_OFFL_SIR_NOPN_2_20191121T19200_C001 CS_OFFL_SIR_NOPN_2_20191121T19200_C001 CS_OFFL_SIR_NOPN_2_20191121T19200_C001 CS_OFFL_SIR_NOPN_2_20191121T19200_C001 CS_OFFL_SIR_NOP	CS_OFFL_SIR_NOPN_2_20191121T170150_20191121T170312_C001	OCOG Backscatter Quality	
CS_OFFL_SIR_NOPN_2_20191121T180915_20191121T181049_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T19205_20191121T19200_C001	CS_OFFL_SIR_NOPN_2_20191121T172810_20191121T172947_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_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 CS_OFFL_SIR_NOPN_2_20191121T191055_20191121T191200_C001 CS_OFFL_SIR_NOPN_2_20191121T191055_20191121T191200_C001 CS_OFFL_SIR_NOPN_2_20191121T191055_20191121T191200_C001 CS_OFFL_SIR_NOPN_2_20191121T191055_20191121T191200_C001 CS_OFFL_SIR_NOPN_2_20191121T191055_20191121T191200_C001 CS_OFFL_SIR_NOPN_2_20191121T191055_20191121T191200_C001	CS_OFFL_SIR_NOPN_2_20191121T180512_20191121T180819_C001		
CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM and the OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPN_2_20191121T180915_20191121T181049_C001	OCOG Backscatter Quality	
	CS_OFFL_SIR_NOPN_2_20191121T182443_20191121T182929_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCOG Backscatter Quality more records.	CS_OFFL_SIR_NOPN_2_20191121T191055_20191121T191200_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_20191121T204723_20191121T205115_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_20191121T213306_20191121T213429_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_20191121T214824_20191121T214941_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_20191121T222708_20191121T223021_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_20191121T230751_20191121T230844_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_20191121T000619_20191121T000828_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_20191121T000951_20191121T001713_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_20191121T010627_20191121T011016_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_20191121T014859_20191121T015615_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_20191121T024413_20191121T025044_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_20191121T030341_20191121T030554_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_20191121T032813_20191121T033517_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_20191121T041109_20191121T041222_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_20191121T042842_20191121T042856_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_20191121T044621_20191121T044713_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_20191121T050653_20191121T051408_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_20191121T074234_20191121T074518_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_20191121T090821_20191121T091051_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_20191121T092134_20191121T092547_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_20191121T095917_20191121T095941_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_20191121T101309_20191121T101339_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_20191121T101502_20191121T101555_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_20191121T104612_20191121T105027_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_20191121T110016_20191121T110402_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_20191121T113830_20191121T113926_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_20191121T122615_20191121T123011_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_20191121T123948_20191121T124321_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_20191121T133047_20191121T133122_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_20191121T152738_20191121T153036_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_20191121T162404_20191121T162455_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_20191121T190508_20191121T190746_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_20191121T191852_20191121T192112_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_20191121T195713_20191121T195926_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_20191121T195929_20191121T200513_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_20191121T204306_20191121T204722_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_20191121T205830_20191121T210028_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_20191121T212755_20191121T212932_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_20191121T213429_20191121T213459_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_20191121T213848_20191121T214638_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_20191121T222315_20191121T222708_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_20191121T223647_20191121T224218_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_20191121T224535_20191121T225146_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_20191121T231659_20191121T232817_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (1 Hz & 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.

Number of products with errors: 178

5.7 L2 Ocean Retracking Quality Check

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.

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.