

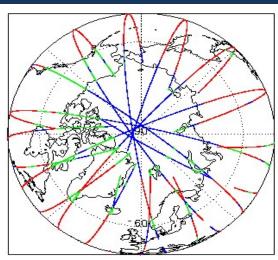
### 1. Overview

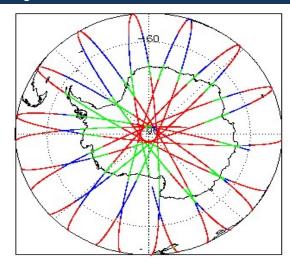
Report Production:	17-Nov-2022
Processor Used:	CryoSat Ocean Processor
Data Used:	Near Real Time Ocean Products (NOP)

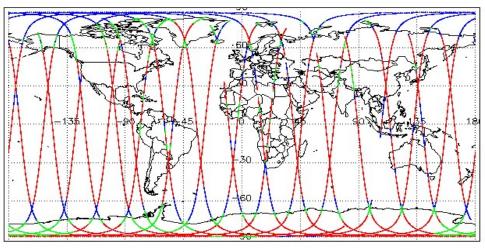
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 5.4
Measurement 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
QCC Error/ Warning Check	See Section 7.1 and 7.2

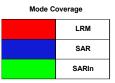
Mission / Instrument News	
09-Nov-2022	None
10-Nov-2022	None
11-Nov-2022	Nothing planned

# 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
Star Tracker(s) in use:	Star Tracker 1

# 4. NOP Level 1B Data Quality Check

## 4.1 L1B Product Format Check

#### 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 NOPR and NOPN products because the I1b\_processing\_quality\_hr field is not correctly configured in the OSAR and OSARIn chains. A modification is required in the next release.

Number of products with errors:

### 4.3 L1B Auxilary Data File Usage Check

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

> 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

umber 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.

Number of products with errors:

Ω

#### 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. The attitude correction is not actually missing, This is being investigated and will be updated in the next SW update.

Number of products with errors:

0

#### 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 occasional products over land, but this is to be expected.

Number of products with errors:

16

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20221110T205207_20221110T205318_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20221110T211003_20221110T212516_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20221110T215836_20221110T221439_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221110T091538_20221110T091655_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221110T104936_20221110T105147_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221110T180907_20221110T181319_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221110T185644_20221110T185731_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221110T185831_20221110T190032_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221110T203454_20221110T203635_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221110T221439_20221110T221737_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221110T221831_20221110T222044_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20221110T032543_20221110T032952_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20221110T080757_20221110T081457_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20221110T170907_20221110T171219_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20221110T182018_20221110T182418_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20221110T213657_20221110T214159_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 NetCDF product file (.nc).

Number of products with errors:

0

### 5.2 L2 Product Header Analysis

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

Number of products with errors:

0

#### 5.3 L2 Auxiliary Data File Usage Check

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

Wind Model File Usage: This file is currently not included in all L2 products.

Number of products with errors:

0

### 5.4 L2 Auxiliary Correction Error Check

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

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

- > ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric 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_20221110T105531_20221110T105728_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 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_NOPM_2_20221110T231932_20221110T235259_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPM_2_20221110T235428_20221110T235514_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_20221110T000432_20221110T000743_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_20221110T004534_20221110T004923_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_20221110T014521_20221110T014638_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_20221110T022032_20221110T022616_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_20221110T045432_20221110T045557_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_20221110T050118_20221110T050426_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_20221110T063415_20221110T063641_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_20221110T064019_20221110T064248_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_20221110T081457_20221110T081732_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_20221110T091006_20221110T091127_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20221110T095028_20221110T095618_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_20221110T104936_20221110T105147_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_20221110T113223_20221110T113406_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_20221110T114246_20221110T114450_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_20221110T122850_20221110T122914_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_20221110T145133_20221110T145528_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_20221110T150121_20221110T150248_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_20221110T163123_20221110T163436_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_20221110T171556_20221110T171723_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20221110T180907_20221110T181319_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_20221110T181853_20221110T182018_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_20221110T185831_20221110T190032_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20221110T195643_20221110T195828_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_20221110T204034_20221110T204129_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_20221110T213439_20221110T213657_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_20221110T221439_20221110T221737_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20221110T221831_20221110T222044_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records

CS_OFFL_SIR_NOPN_2_20221110T230453_20221110T230648_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_20221110T231336_20221110T231816_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_20221110T235514_20221110T235909_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_20221110T004923_20221110T005804_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_20221110T022616_20221110T023356_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_20221110T140352_20221110T140917_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_20221110T153206_20221110T153304_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_20221110T154301_20221110T155055_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_20221110T172122_20221110T173041_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_20221110T190232_20221110T190954_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_20221110T204129_20221110T204710_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_20221110T222044_20221110T222734_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_20221110T235909_20221111T000427_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:

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### 5.6 L2 Measurement Quality Flag Check

### L2 Quality Flags (20 Hz)

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20221109T235806_20221110T000234_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_20221110T000938_20221110T003245_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T010046_20221110T010318_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_20221110T010853_20221110T013317_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T013629_20221110T014137_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_20221110T014920_20221110T021556_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T021722_20221110T022032_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T024413_20221110T024611_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_20221110T024613_20221110T031226_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T031615_20221110T032051_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_20221110T032952_20221110T040207_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T041449_20221110T041716_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T041938_20221110T042320_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_20221110T043513_20221110T044000_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_20221110T044558_20221110T045028_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T045557_20221110T050118_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_20221110T050810_20221110T052929_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T053215_20221110T054225_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T055328_20221110T055745_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T061335_20221110T061821_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T062008_20221110T063019_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T064726_20221110T065219_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T065229_20221110T072145_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T073640_20221110T080757_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T082655_20221110T083225_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T084829_20221110T085510_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T091127_20221110T091538_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_20221110T091655_20221110T092249_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T092329_20221110T093231_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T093850_20221110T095022_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T095912_20221110T100335_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_20221110T100554_20221110T101224_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T101332_20221110T102018_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T102322_20221110T103638_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH 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_20221110T103703_20221110T103708_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_20221110T105850_20221110T110202_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

Depth_SPL_DEM222211011014_C000    Apper_Annual Props. 59.9., A.N. M.	CS_OFFL_SIR_NOPM_2_20221110T110333_20221110T110559_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
Section   Column	CS_OFFL_SIR_NOPM_2_20221110T110721_20221110T111014_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Col. PERL SRI NOPM 2 2022110711300 2022110711300 2022110711300 202110711300 202211071300 2022111071300 2022111071300 20221107	CS_OFFL_SIR_NOPM_2_20221110T111016_20221110T111210_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
The County Process of the County Program of	CS_OFFL_SIR_NOPM_2_20221110T111501_20221110T113035_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Co. OFFL. SR NOPM 2 002211071104192 0001	CS_OFFL_SIR_NOPM_2_20221110T113406_20221110T114246_C001		
62_0FFL_SIR_NOPM_2_20221110T13981_2022110T13982_COOI  63_0FFL_SIR_NOPM_2_20221110T13981_2022110T13982_COOI  64_0FFL_SIR_NOPM_2_20221110T139812_2022110T13982_COOI  65_0FFL_SIR_NOPM_2_20221110T13982_2022110T13982_COOI  65_0FFL_SIR_NOPM_2_20221110T13982_2022110T13982_COOI  66_0FFL_SIR_NOPM_2_20221110T13982_2022110T13982_COOI  66_0FFL_SIR_NOPM_2_20221110T13982_2022110T13982_COOI  67_0FFL_SIR_NOPM_2_20221110T13982_2022110T13982_COOI  67_0FFL_SIR_NOPM_2_20221110T13982_2022110T13982_COOI  67_0FFL_SIR_NOPM_2_20221110T13982_2022110T13983_COOI  67_0FFL_SIR_NOPM_2_20221110T15982_20221110T13983_COOI  67_0FFL_SIR_NOPM_2_20221110T15983_20221110T15983_COOI  67_0FFL_SIR_NOPM_2_20221110T15983_COOI  67_0F	CS_OFFL_SIR_NOPM_2_20221110T114547_20221110T120740_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Does Altmeter Range Guelly, COCO Altmeter Range Guelly, COCO Altmeter Range and Backscatter Quality Flags SNHA, SNH and Backscatter Quality Flags SNHA, SNHA and Backscatter Quality Flags SNHA, SNHA and Backscatter Quality Flags SNHA, SNHA and Bac	CS_OFFL_SIR_NOPM_2_20221110T123601_20221110T130922_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_2022110T139428_2022110T139592_C001  SOFFL_SIR_NOPM_2_2022110T139428_2022110T139592_C001  SOFFL_SIR_NOPM_2_2022110T139428_2022110T144718_C001  SOFFL_SIR_NOPM_2_2022110T14200_2022110T144718_C001  SOFFL_SIR_NOPM_2_2022110T14208_2022110T144718_C001  SOFFL_SIR_NOPM_2_2022110T14208_2022110T150121_C001  SOFFL_SIR_NOPM_2_2022110T14208_2022110T150121_C001  SOFFL_SIR_NOPM_2_2022110T150143_2022110T150121_C001  SOFFL_SIR_NOPM_2_2022110T150143_2022110T150121_C001  SOFFL_SIR_NOPM_2_2022110T150143_2022110T150121_C001  SOFFL_SIR_NOPM_2_2022110T150143_2022110T150143_C001  SOFFL_SIR_NOPM_2_2022110T150143_2022110T150143_C001  SOFFL_SIR_NOPM_2_2022110T150143_2022110T150143_C001  SOFFL_SIR_NOPM_2_20222110T150143_2022110T150143_C001  SOFFL_SIR_NOPM_2_20222110T150143_2022110T150143_C001  SOFFL_SIR_NOPM_2_20222110T160143_2022110T1601503_C001  SOFFL_SIR_NOPM_2_20222110T1601503_2022110T1601503_C001  SOFFL_SIR_NOPM_2_20222110T1601503_2022110T1601503_C001  SOFFL_SIR_NOPM_2_20222110T1601503_2022110T1601503_C001  SOFFL_SIR_NOPM_2_20222110T1601503_2022110T1601503_C001  SOFFL_SIR_NOPM_2_20222110T1601503_2022110T1601503_C001  SOFFL_SIR_NOPM_2_20222110T1601503_2022110T1601503_C001  SOFFL_SIR_NOPM_2_20222110T1601503_2022110T1601503_C001  SOFFL_SIR_NOPM_2_20222110T1601503_2022110T1601503_C001  SOFFL_SIR_NOPM_2_20222110T1601503_2022110T1601503_C001  SOFFL_SIR_NOPM_2_20222110T1601503_2001  SOFFL_SIR_NOPM_2_20222110T1601503_2001  SOFFL_SIR_NOPM_2_20222110T1601503_2001  SOFFL_SIR_NOPM_2_20222110T1701503_2001  SOFFL_SIR_NO	CS_OFFL_SIR_NOPM_2_20221110T131611_20221110T132043_C001		
Backscatter (Daily)  The Ocean Allimeter Range SHA, SWH and Backscatter (Daily Range SHA, SWH and Backscatte	CS_OFFL_SIR_NOPM_2_20221110T132529_20221110T134922_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, COOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T145028_20221110T150121_CO01  OCOS_Altimeter Range Quality, COOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T150432_20221110T150121_CO01  Ocean Altimeter Range, SSHA_SWH and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T154022_20221110T154129_CO01  Altimeter Range and Backscatter Quality Flags have been set for one or more records  Ocean Altimeter Range, SSHA_SWH and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T154022_20221110T162721_CO01  OCOS_Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOS_OFFL_SIR_NOPM_2_20221110T164033_20221110T162721_CO01  OCOS_Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOS_OFFL_SIR_NOPM_2_20221110T164033_20221110T164081_CO01  OCOS_Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOS_OFFL_SIR_NOPM_2_20221110T164033_20221110T170215_CO01  OCOS_Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOS_Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOS_Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOS_Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOS_Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOS_Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOS_Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOS_Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOS_Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOS_Altimeter Range and Backscatter Qu	CS_OFFL_SIR_NOPM_2_20221110T135428_20221110T135652_C001		
Backscatter Quality CS_OFFL_SIR_NOPM_2_20221110T160443_20221110T152513_0001  CS_OFFL_SIR_NOPM_2_20221110T150443_20221110T152513_0001  CS_OFFL_SIR_NOPM_2_20221110T154022_20221110T154129_C001  All finiteder Range and Backscatter Quality See Backscatter Quality, OCOG All finiteder Range and Backscatter Quality See Backs	CS_OFFL_SIR_NOPM_2_20221110T142200_20221110T144719_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20221110T150443_20221110T162512_C001  CS_OFFL_SIR_NOPM_2_20221110T150422_20221110T162721_C001  CS_OFFL_SIR_NOPM_2_20221110T163052_20221110T162721_C001  CS_OFFL_SIR_NOPM_2_20221110T163052_20221110T162721_C001  CS_OFFL_SIR_NOPM_2_20221110T163053_20221110T163053_C001  CS_OFFL_SIR_NOPM_2_20221110T165014_20221110T170215_C001  CS_OFFL_SIR_NOPM_2_20221110T165014_20221110T170215_C001  CS_OFFL_SIR_NOPM_2_20221110T165014_20221110T170215_C001  CS_OFFL_SIR_NOPM_2_20221110T170215_C001  CS_OFFL_SIR_NOPM_2_20221110T180462_C001  CS_OFFL_SIR_NOPM_2_20221110T180462_C	CS_OFFL_SIR_NOPM_2_20221110T145528_20221110T150121_C001		
and Backscatter Quality, OCOG Allmeter Range and Backscatter Quality, Flags have been CS_OFFL_SIR_NOPM_2_20221110T163552_20221110T163721_C001  CS_OFFL_SIR_NOPM_2_20221110T163436_20221110T163953_C001  CS_OFFL_SIR_NOPM_2_20221110T163436_20221110T163953_C001  CS_OFFL_SIR_NOPM_2_20221110T163436_20221110T163953_C001  CS_OFFL_SIR_NOPM_2_20221110T163436_20221110T163953_C001  CS_OFFL_SIR_NOPM_2_20221110T163436_20221110T163953_C001  CS_OFFL_SIR_NOPM_2_20221110T164633_20221110T164651_C001  CS_OFFL_SIR_NOPM_2_20221110T165914_20221110T170215_C001  CS_OFFL_SIR_NOPM_2_20221110T165914_20221110T170215_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T17212C_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T17212C_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T17212C_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T17212C_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T17212C_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T173245_C0021110T1732	CS_OFFL_SIR_NOPM_2_20221110T150443_20221110T152513_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Allimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T163436_20221110T163953_C001  CS_OFFL_SIR_NOPM_2_20221110T164831_20221110T164851_C001  CS_OFFL_SIR_NOPM_2_20221110T164831_20221110T170215_C001  CS_OFFL_SIR_NOPM_2_20221110T165914_20221110T170215_C001  CS_OFFL_SIR_NOPM_2_20221110T170215_C001  CS_OFFL_SIR_NOPM_2_20221110T17015000  CCG_Allimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T181319_20221110T181330_C001  CCG_Allimeter Range Quality, CCGG Backscatter Quality, CCGG Allimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T181438_C001  CCG_Allimeter Range Quality, CCGG Allimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T181438_20221110T181425_C001  CCGG_Allimeter Range Quality, CCGG Allimeter Range and Backscatter Quality Flags have been set for one or more records  CCG_OFFL_SIR_NOPM_2_20221110T181438_20221110T181425_C001  CCGG_Allimeter Range and Backscatter Quality Flags have been set for one or m	CS_OFFL_SIR_NOPM_2_20221110T154022_20221110T154129_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality  CS_OFFL_SIR_NOPM_2_20221110T164633_20221110T164851_C001  CS_OFFL_SIR_NOPM_2_20221110T164633_20221110T164851_C001  CS_OFFL_SIR_NOPM_2_20221110T165914_20221110T170215_C001  CS_OFFL_SIR_NOPM_2_20221110T165914_20221110T170215_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T170215_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T1772122_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T1772122_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T1772122_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T1772122_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T1772122_C001  CS_OFFL_SIR_NOPM_2_20221110T173245_20221110T174240_C001  CS_OFFL_SIR_NOPM_2_20221110T173245_20221110T174240_C001  CS_OFFL_SIR_NOPM_2_20221110T173245_20221110T178240_C001  CS_OFFL_SIR_NOPM_2_20221110T173245_20221110T188645_C001  CS_OFFL_SIR_NOPM_2_20221110T181319_20221110T181853_C001  CS_OFFL_SIR_NOPM_2_20221110T181346_20221110T181853_C001  CS_OFFL_SIR_NOPM_2_20221110T181446_20221110T181853_C001  CS_OFFL_SIR_NOPM_2_20221110T182418_20221110T18248_C001  CS_OFFL_SIR_NOPM_2_20221110T18248_20221110T18258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T18258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T18258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T18258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T18258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T18258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T18258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T18258_C001  CS_OFFL_SIR_NOPM_2_20221110T183482_20221110T18258_C001  CS_OFFL_SIR_NOPM_2_20221110T183482_20221110T18258_C001  CS_OFFL_SIR_NOPM_2_20221110T183482_C001  CS_OFFL_SIR_NOPM_2_20221110T183482_C001  CS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_202211	CS_OFFL_SIR_NOPM_2_20221110T155352_20221110T162721_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T165914_20221110T170215_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T172122_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T172122_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T172122_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T172122_C001  CS_OFFL_SIR_NOPM_2_20221110T173245_20221110T174240_C001  CS_OFFL_SIR_NOPM_2_20221110T173245_20221110T174240_C001  CS_OFFL_SIR_NOPM_2_20221110T173245_20221110T18425_C001  CS_OFFL_SIR_NOPM_2_20221110T181319_20221110T18438_C001  CS_OFFL_SIR_NOPM_2_20221110T181319_20221110T181383_C001  CS_OFFL_SIR_NOPM_2_20221110T181446_20221110T181853_C001  CS_OFFL_SIR_NOPM_2_20221110T182418_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T182418_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T182418_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T184358_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T183400_C001  CS_OFFL_	CS_OFFL_SIR_NOPM_2_20221110T163436_20221110T163953_C001		
CS_OFFL_SIR_NOPM_2_20221110T171723_20221110T172122_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T172122_C001  CS_OFFL_SIR_NOPM_2_20221110T17723_20221110T172122_C001  CS_OFFL_SIR_NOPM_2_20221110T173245_20221110T174240_C001  CS_OFFL_SIR_NOPM_2_20221110T173245_20221110T174240_C001  CS_OFFL_SIR_NOPM_2_20221110T173245_20221110T174240_C001  CS_OFFL_SIR_NOPM_2_20221110T174525_20221110T180645_C001  CS_OFFL_SIR_NOPM_2_20221110T174525_20221110T180645_C001  CS_OFFL_SIR_NOPM_2_20221110T181319_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181319_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181448_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181448_20221110T181439_C001  CS_OFFL_SIR_NOPM_2_20221110T181448_20221110T181439_C001  CS_OFFL_SIR_NOPM_2_20221110T183418_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T18348_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_	CS_OFFL_SIR_NOPM_2_20221110T164633_20221110T164851_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T173245_20221110T180645_C001  CS_OFFL_SIR_NOPM_2_20221110T181319_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181446_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181446_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181446_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181448_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181448_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181446_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181448_20221110T181448_20201  CS_OFFL_SIR_NOPM_2_20221110T182418_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T184258_C001  COCAN Altimeter Range and Backscatter Quality COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  COCAN Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  COCAN Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T18458_C001  COCAN Altimeter Range Altimeter Range Altimeter Range and Backscatter Quali	CS_OFFL_SIR_NOPM_2_20221110T165914_20221110T170215_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T174525_20221110T180645_C001  CS_OFFL_SIR_NOPM_2_20221110T181319_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181319_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181346_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181446_20221110T181853_C001  CS_OFFL_SIR_NOPM_2_20221110T181446_20221110T181853_C001  CS_OFFL_SIR_NOPM_2_20221110T182418_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T182418_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T18348_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T183448_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T183448_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T183448_20221110T184258_C001  CCS_OFFL_SIR_NOPM_2_20221110T183448_20221110T184258_C001  CCS_OFFL_SIR_NOPM_2_20221110T183448_20221110T184258_C001  CCS_OFFL_SIR_NOPM_2_20221110T183448_20221110T184258_C001  CCS_OFFL_SIR_NOPM_2_20221110T183448_20221110T184258_C001  CCS_OFFL_SIR_NOPM_2_20221110T183444_2_20221110T184258_C001  CCS_OFFL_SIR_NOPM_2_20221110T183444_2_20221110T184258_C001  CCS_OFFL_SIR_NOPM_2_20221110T183444_2_20221110T184258_C001  CCCS_OFFL_SIR_NOPM_2_20221110T183444_2_20221110T184258_C001  CCCS_OFFL_SIR_NOPM_2_20221110T183444_2_20221110T184258_C001  CCCS_OFFL_SIR_NOPM_2_20221110T184444_2_20221110T184258_C001  CCCS_OFFL_SIR_NOPM_2_20221110T184444_2_20221110T184258_C001  CCCS_OFFL_SIR_NOPM_2_20221110T184444_2_20221110T184258_C001  CCCS_OFFL_SIR_NOPM_2_20221110T184444_2_20221110T184258_C001  CCCS_OFFL_SIR_NOPM_2_20221110T184444_2_20221110T184458_2_C001  CCCS_OFFL_SIR_NOPM_2_20221110T184444_2_20221110T184458_2_C001  CCCS_OFFL_SIR_NOPM_2_20221110T184444_2_20221110T184458_2_C001  CCCS_OFFL_SIR_NOPM_2_20221110T184444_2_20221110T184458_2_C001  CCCS_OFFL_SIR_NOPM_2_20221110T184444_2_20221110T184458_2_C001  CCCS_OFFL_SIR_NOPM_2_20221110T184444_2_20221110T184458_2_C001  CCCS_OFFL_SIR_NOPM_2_20221110T184444	CS_OFFL_SIR_NOPM_2_20221110T171723_20221110T172122_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20221110T181319_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181319_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181319_20221110T181438_C001  CS_OFFL_SIR_NOPM_2_20221110T181446_20221110T181853_C001  CS_OFFL_SIR_NOPM_2_20221110T181446_20221110T181853_C001  CS_OFFL_SIR_NOPM_2_20221110T182418_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T182418_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T18458_C001  CS_OFFL_SIR_NOPM_2_20221110T184548_20221110T18458_C001  CS_OFFL_SIR_NO	CS_OFFL_SIR_NOPM_2_20221110T173245_20221110T174240_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality  CS_OFFL_SIR_NOPM_2_20221110T181446_20221110T181853_C001  Backscatter Quality  CS_OFFL_SIR_NOPM_2_20221110T182418_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T182418_20221110T183400_C001  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184258_C001  CS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184822_C001  CS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184822_C001  CS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184822_C001  CS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184822_C001  CCS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184822_C001  CCS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184822_C001  CCS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184822_C001  CCS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184822_C001  CCS_OFFL_SIR_NOPM_2_20221110T1843442_20221110T184822_C001  CCS_OFFL_SIR_NOPM_2_20221110T1843442_20221110T184822_C001  CCS_OFFL_SIR_NOPM_2_20221110T1843442_20221110T184822_C001  CCS_OFFL_SIR_NOPM_2_20221110T1843442_20221110T184822_C001  CCS_OFFL_SIR_NOPM_2_20221110T1843442_20221110T184822_C001  CCS_OFFL_SIR_NOPM_2_20221110T1843442_20221110T184822_C001  CCS_OFFL_SIR_NOPM_2_20221110T1843442_20221110T184822_C001  CCS_OFFL_SIR_NOPM_2_20221110T1843442_20221110T184822_C001  CCS_OFFL_SIR_NOPM_2_20221110T1843442_20221110T184822_C001	CS_OFFL_SIR_NOPM_2_20221110T174525_20221110T180645_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality  Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been Scatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been Scatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been Scatter Quality Flags have Decomption From From From From From From From From	CS_OFFL_SIR_NOPM_2_20221110T181319_20221110T181438_C001		
CS_OFFL_SIR_NOPM_2_20221110T182418_20221110T183400_C001  and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Set for one or more records  Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been  CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001  Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been  CS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184822_C001  The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Qualit	CS_OFFL_SIR_NOPM_2_20221110T181446_20221110T181853_C001		
CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality Flags have been and Backscat	CS_OFFL_SIR_NOPM_2_20221110T182418_20221110T183400_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20221110T184342_2021110T184822_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPM_2_20221110T183548_20221110T184258_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_NOPM_2_20221110T184342_20221110T184822_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CO ORF. SER NOPM 2 2022110730439 2022110730430 COD  CODE, SER NOPM 2 2022110730430 2022110731430 COD  CODE, SER NOPM 2 2	CS_OFFL_SIR_NOPM_2_20221110T191020_20221110T194534_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
Proc.   Concess   Conces	CS_OFFL_SIR_NOPM_2_20221110T194821_20221110T195338_C001		
CS OFFL SIR NOPM 2 20221110720059 20221110720054 C081	CS_OFFL_SIR_NOPM_2_20221110T195357_20221110T195643_C001		
Selected Coally  CR_OFF_SR_NOPM_2_3021107128587_0021107128588_0001  All coal Attractor Rough SIAN, 6991 and Selected Coally Flogs the board Attractor Rough	CS_OFFL_SIR_NOPM_2_20221110T200439_20221110T203454_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS OFFL SIR NOPM 2 362211107235587 - 202211107120759. COOI  CRIMINER Range and Selected Country  CS OFFL SIR NOPM 2 26221110721100 202211107120759. COOI  CS OFFL SIR NOPM 2 26221110721100 202211107120759. COOI  CS OFFL SIR NOPM 2 262211107212754 202211107120759. COOI  CS OFFL SIR NOPM 2 262211107212754 202211107120759. COOI  CS OFFL SIR NOPM 2 262211107213755 202211107120759. COOI  CS OFFL SIR NOPM 2 262211107213754 202211107120759. COOI  CS OFFL SIR NOPM 2 262211107213155 202211107120759. COOI  CS OFFL SIR NOPM 2 262211107213155 202211107120759. COOI  CS OFFL SIR NOPM 2 262211107213156 202211107120759. COOI  CS OFFL SIR NOPM 2 262211107213156 202211107120759. COOI  CS OFFL SIR NOPM 2 262211107213156 202211107120759. COOI  CS OFFL SIR NOPM 2 262211107213169 202211107120759. COOI  CS OFFL SIR NOPM 2 26221110723166 202211107120759. COOI  CS OFFL SIR NOPM 2 26221110723169 202211107120759. COOI  CS OFFL SIR NOPM 2 262211107120759. COOI  CS OFFL SIR NOPM 2 2622111071075075. COOI  CS OFFL SIR NOPM 2 2622111071075075. COOI  CS OFFL SIR NOPM 2 2622111071	CS_OFFL_SIR_NOPM_2_20221110T203635_20221110T204034_C001		
CS_OFFL_SR_NOPM_2_202211107120558_2021110712058_COST Allminet Page and Backscatter Country Dean Allminet Page and Backscatter Country and Backscatter Country Dean Allminet Page and Backscatter Country The Dean Allminet Page and Backscatter Country Page have been set The Dean Allminet Page and Backscatter Country Page have been set The Dean Allminet Page and Backscatter Country Page have been set The Dean Allminet Page and Backscatter Country Pa	CS_OFFL_SIR_NOPM_2_20221110T205207_20221110T205318_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Beadscatter Quality, COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality Flags have been self- cell of the COOS Allmerine Range and Beadscatter Quality F	CS_OFFL_SIR_NOPM_2_20221110T205526_20221110T210758_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Badescater Quality  OS_OFFL_SIR_NOPM_2_20221110721435_20221110721315_20221110721315_20221110721315_20221110721315_20221110721315_20221110721315_20221110721315_20221110721315_20221110723315_2022111073	CS_OFFL_SIR_NOPM_2_20221110T211003_20221110T212516_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Badescater Oually  for one or more records  fo	CS_OFFL_SIR_NOPM_2_20221110T212734_20221110T213236_C001		
and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T215588_20221110T221439_CO01  Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T224641_20221110T224634_CO01  CS_OFFL_SIR_NOPM_2_20221110T224641_20221110T224634_CO01  CS_OFFL_SIR_NOPM_2_20221110T230648_20221110T231148_CO01  CS_OFFL_SIR_NOPM_2_20221110T23155_20221110T231207_CO01  CS_OFFL_SIR_NOPM_2_20221110T231302_20221110T231207_CO01  CS_OFFL_SIR_NOPM_2_20221110T231302_20221110T231207_CO01  CS_OFFL_SIR_NOPM_2_20221110T073314_20221110T044334_CO01  CS_OFFL_SIR_NOPM_2_20221110T073314_20221110T044334_CO01  CS_OFFL_SIR_NOPM_2_20221110T073314_20221110T044334_CO01  CS_OFFL_SIR_NOPM_2_20221110T1313124_CO01  CS_OFFL_SIR_NOPM_2_20221110T131	CS_OFFL_SIR_NOPM_2_20221110T213315_20221110T213439_C001		
and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221107224541_202211107224824_0001  CS_OFFL_SIR_NOPM_2_202211107230548_20221110723148_Q001  CS_OFFL_SIR_NOPM_2_202211107230548_20221110723149_Q001  CS_OFFL_SIR_NOPM_2_20221110723155_20221110723149_Q001  CS_OFFL_SIR_NOPM_2_20221110723155_202211107231207_Q001  CS_OFFL_SIR_NOPM_2_20221110723155_202211107231207_Q001  CS_OFFL_SIR_NOPM_2_20221110723155_202211107231207_Q001  CS_OFFL_SIR_NOPM_2_20221110723155_202211107231207_Q001  CS_OFFL_SIR_NOPM_2_20221110723155_202211107231207_Q001  CS_OFFL_SIR_NOPM_2_20221110723155_202211107231207_Q001  CS_OFFL_SIR_NOPM_2_20221110723155_202211107231207_Q001  CS_OFFL_SIR_NOPM_2_20221110723155_2022111072315259_Q001  CS_OFFL_SIR_NOPM_2_20221110723155_2022111072315259_Q001  CS_OFFL_SIR_NOPM_2_20221110723155_202211107231520_Q001  CS_OFFL_SIR_NOPM_2_20221110723155_20221110704334_Q001  CS_OFFL_SIR_NOPM_2_20221110707314_20221110704334_Q001  CS_OFFL_SIR_NOPM_2_20221110707314_20221110704334_Q001  CS_OFFL_SIR_NOPM_2_20221110707314_20221110704334_Q001  CS_OFFL_SIR_NOPM_2_20221110707314_202211107131324_Q001  CS_OFFL_SIR_NOPM_2_20221110707314_202211107131324_Q001  CS_OFFL_SIR_NOPM_2_20221110713159_202211107131324_Q001  CS_OFFL_SIR_NOPM_2_202211107150555_2021110715159_Q001  CS_OFFL_SIR_NOPM_2_202211107150555_2021110715159_Q001  CS_OFFL_SIR_NOPM_2_202211107150555_2021110715159_Q001  CS_OFFL_SIR_NOPM_2_202211107150555_202211107155159_Q001  CS_OFFL_SIR_NOPM_2_202211107150545_202211107155159_Q001  CS_OFFL_SIR_NOPM_2_202211107150545_202211107155159_Q001  CS_OFFL_SIR_NOPM_2_202211107106458_202211107164588_Q001  CS_OFFL_SIR_NOPM_2_202211107106458_202211107164588_Q001  CS_OFFL_SIR_NOPM_2_202211107106458_202211107164588_Q001  CS_OFFL_SIR_NOPM_2_202211107160458_202211107164588_Q001  CS_OFFL_SIR_NOPM_2_202211107160458_202211107164588_Q001  CS_OFFL_SIR_NOPM_2_202211107160458_202211107164588_Q001  CS_OFFL_SIR_NOPM_2_202211107160458_202211107164588_Q001  CS_OFFL_SIR_NOPM_2_202211107160458_202211107164588_Q001  CS_OFFL_SIR_	CS_OFFL_SIR_NOPM_2_20221110T214159_20221110T215217_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20221110T234648_2022110T231146_C001  CS_OFFL_SIR_NOPM_2_20221110T230648_20221110T231146_C001  CS_OFFL_SIR_NOPM_2_20221110T231155_20221110T231207_C001  CS_OFFL_SIR_NOPM_2_20221110T231155_20221110T231207_C001  CS_OFFL_SIR_NOPM_2_20221110T231155_20221110T231207_C001  CS_OFFL_SIR_NOPM_2_20221110T231155_20221110T231207_C001  CS_OFFL_SIR_NOPM_2_20221110T2311932_20221110T231207_C001  CS_OFFL_SIR_NOPM_2_20221110T2311932_20221110T231205_S001  CS_OFFL_SIR_NOPM_2_20221110T044330_20221110T044334_C001  CS_OFFL_SIR_NOPM_2_20221110T044330_20221110T044334_C001  CS_OFFL_SIR_NOPM_2_20221110T03314_20221110T03328_C001  CS_OFFL_SIR_NOPM_2_20221110T131159_20221110T131324_C001  CS_OFFL_SIR_NOPM_2_20221110T131505_20221110T131324_C001  CS_OFFL_SIR_NOPM_2_20221110T131505_20221110T131324_C001  CS_OFFL_SIR_NOPM_2_20221110T131505_20221110T131324_C001  CS_OFFL_SIR_NOPM_2_20221110T13005_20221110T131324_C001  CS_OFFL_SIR_NOPM_2_20221110T13005_20221110T131324_C001  CS_OFFL_SIR_NOPM_2_20221110T13005_20221110T133324_C001  CS_OFFL_SIR_NOPM_2_20221110T13005_20221110T133324_C001  CS_OFFL_SIR_NOPM_2_20221110T13005_20221110T133324_C001  CS_OFFL_SIR_NOPM_2_20221110T13005_20221110T133324_C001  CS_OFFL_SIR_NOPM_2_20221110T13005_20221110T133324_C001  CS_OFFL_SIR_NOPM_2_20221110T13005_20221110T133324_C001  CS_OFFL_SIR_NOPM_2_20221110T13005_20221110T133324_C001  CS_OFFL_SIR_NOPM_2_20221110T13005_20221110T13005_20001  CS_OFFL_SIR_NOPM_2_20221110T13005_20221110T13005_20001  CC_OFFL_SIR_NOPM_2_20221110T13005_20221110T13005_20001  CC_OFFL_SIR_NOPM	CS_OFFL_SIR_NOPM_2_20221110T215836_20221110T221439_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality  Grone or more records  CS_OFFL_SIR_NOPM_2_20221110T231155_20221110T231207_C001  CS_OFFL_SIR_NOPM_2_20221110T231932_20221110T235259_C001  CS_OFFL_SIR_NOPM_2_20221110T231932_20221110T235259_C001  CS_OFFL_SIR_NOPM_2_20221110T044330_20221110T044334_C001  CS_OFFL_SIR_NOPM_2_20221110T044330_20221110T073328_C001  CS_OFFL_SIR_NOPM_2_20221110T073314_20221110T073328_C001  CS_OFFL_SIR_NOPM_2_20221110T073314_20221110T073328_C001  CS_OFFL_SIR_NOPM_2_20221110T131159_20221110T131324_C001  CS_OFFL_SIR_NOPM_2_20221110T131159_20221110T131324_C001  CS_OFFL_SIR_NOPM_2_20221110T131159_20221110T131324_C001  CS_OFFL_SIR_NOPM_2_20221110T131159_20221110T131324_C001  CS_OFFL_SIR_NOPM_2_20221110T131359_C001  CS_OFFL_SIR_NOPM_2_20221110T131359_C001  CS_OFFL_SIR_NOPM_2_20221110T131359_C001  CS_OFFL_SIR_NOPM_2_20221110T131359_C001  CS_OFFL_SIR_NOPM_2_20221110T131359_C001  CS_OFFL_SIR_NOPM_2_20221110T130555_20221110T131324_C001  CS_OFFL_SIR_NOPM_2_20221110T130565_20221110T13139_C001  CC_OGA Altimeter Range Quality, CCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T180507_20221110T181319_C001  CC_OGA Altimeter Range Quality, CCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T180507_20221110T181319_C001  CC_OGA Altimeter Range Quality, CCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T195643_20221110T1455828_C001  CC_OGA Altimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T1404356_20221110T140831_C001  CC_OGA Altimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T1404356_20221110T140831_C001  CC_OGA Altimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPM_2_20221110T1404356_20221110T140831_C001  CC_OGA Altimeter Range Quality, CCCG	CS_OFFL_SIR_NOPM_2_20221110T224541_20221110T224824_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality  CS_OFFL_SIR_NOPM_2_20221110T231932_20221110T235259_C001  CS_OFFL_SIR_NOPM_2_20221110T231932_20221110T235259_C001  CS_OFFL_SIR_NOPM_2_20221110T044334_C001  CS_OFFL_SIR_NOPM_2_20221110T044334_C001  CS_OFFL_SIR_NOPM_2_20221110T044334_C001  CS_OFFL_SIR_NOPM_2_20221110T044334_C001  CS_OFFL_SIR_NOPM_2_20221110T073314_20221110T073328_C001  CS_OFFL_SIR_NOPM_2_20221110T073314_20221110T073328_C001  CS_OFFL_SIR_NOPM_2_20221110T13159_20221110T131324_C001  CS_OFFL_SIR_NOPM_2_20221110T13159_20221110T131324_C001  CS_OFFL_SIR_NOPM_2_20221110T155055_20221110T155159_C001  CS_OFFL_SIR_NOPM_2_20221110T155055_20221110T155159_C001  CS_OFFL_SIR_NOPM_2_20221110T155055_20221110T155159_C001  CS_OFFL_SIR_NOPM_2_20221110T150505_20221110T155159_C001  CS_OFFL_SIR_NOPM_2_20221110T150505_20221110T155159_C001  CS_OFFL_SIR_NOPM_2_20221110T150505_20221110T155159_C001  CS_OFFL_SIR_NOPM_2_20221110T150505_20221110T15505_2001  CS_OFFL_SIR_NOPM_2_20221110T180907_20221110T15505_2001  CS_OFFL_SIR_NOPM_2_20221110T180907_20221110T15505_2001  CS_OFFL_SIR_NOPM_2_20221110T105643_20221110T105828_C001  CS_OFFL_SIR_NOPM_2_20221110T105643_20221110T105828_C001  CS_OFFL_SIR_NOPM_2_20221110T1004456_20221110T105828_C001  CS_OFFL_SIR_NOPM_2_20221110T1004456_20221110T100000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20221110T230648_20221110T231148_C001		
and Backscatter Quality, COG Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPN_2_20221110T044334_C0011  CS_OFFL_SIR_NOPN_2_20221110T073314_20221110T073328_C0011  CS_OFFL_SIR_NOPN_2_20221110T073314_20221110T073328_C0011  CS_OFFL_SIR_NOPN_2_20221110T131159_20221110T131324_C0011  CS_OFFL_SIR_NOPN_2_20221110T131159_20221110T131324_C0011  CS_OFFL_SIR_NOPN_2_20221110T131159_20221110T131324_C0011  CS_OFFL_SIR_NOPN_2_20221110T13159_20221110T131324_C0011  CS_OFFL_SIR_NOPN_2_20221110T13159_C0021110T131324_C0011  CS_OFFL_SIR_NOPN_2_20221110T150555_20221110T150159_C0011  CS_OFFL_SIR_NOPN_2_20221110T150555_20221110T150159_C0011  CS_OFFL_SIR_NOPN_2_20221110T196643_20221110T19828_C0011  CS_OFFL_SIR_NOPN_2_20221110T196643_20221110T19828_C0011  CS_OFFL_SIR_NOPN_2_20221110T196643_20221110T19828_C0011  CS_OFFL_SIR_NOPR_2_20221110T10744356_20221110T145850_C0011  CS_OFFL_SIR_NOPR_2_20221110T148645_20221110T148987_C0011  CS_OFFL_SIR_NOPR_2_20221110T148645_20	CS_OFFL_SIR_NOPM_2_20221110T231155_20221110T231207_C001		
Backscatter Quality for one or more records  CS_OFFL_SIR_NOPN_2_20221110T04334_20221110T073328_C001  CS_OFFL_SIR_NOPN_2_20221110T131159_20221110T131324_C001  CS_OFFL_SIR_NOPN_2_20221110T131159_20221110T131324_C001  CS_OFFL_SIR_NOPN_2_20221110T131159_20221110T131324_C001  CS_OFFL_SIR_NOPN_2_20221110T155055_20221110T155159_C001  CS_OFFL_SIR_NOPN_2_20221110T180907_20221110T181319_C001  CS_OFFL_SIR_NOPN_2_20221110T180907_20221110T181319_C001  CS_OFFL_SIR_NOPN_2_20221110T195643_20221110T195828_C001  CS_OFFL_SIR_NOPN_2_20221110T195643_20221110T195828_C001  CS_OFFL_SIR_NOPR_2_20221110T044356_20221110T044558_C001  CS_OFFL_SIR_NOPR_2_20221110T14040_20221110T120831_C001  CS_OFFL_SIR_NOPR_2_20221110T120740_20221110T120831_C001  CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T198907_C001  CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T198907_C001  CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T198907_C001  CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T198907_C001  CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T199954_C001  CS_OFFL_SIR_NOPR_2_20221110T1906455_20221110T199954_C001  CS_OFFL_SIR_NOPR_2_20221110T1906455_20221110T198907_C001  CS_OFFL_SIR_NOPR_2_20221110T1906455_20221110T190907_C001  CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T190907_C001  CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T190907_C001  CS_OFFL_SIR_NOPR_2_20221110T1906455_20221110T190907_C001  CS_OFFL_SIR_NOPR_2_20221110T1906455_20221110T19090	CS_OFFL_SIR_NOPM_2_20221110T231932_20221110T235259_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPN_2_20221110T131159_20221110T131324_C001  CS_OFFL_SIR_NOPN_2_20221110T13159_20221110T131324_C001  CS_OFFL_SIR_NOPN_2_20221110T155055_20221110T155159_C001  CS_OFFL_SIR_NOPN_2_20221110T180907_20221110T181319_C001  CS_OFFL_SIR_NOPN_2_20221110T180907_20221110T181319_C001  CS_OFFL_SIR_NOPN_2_20221110T195643_20221110T195828_C001  CS_OFFL_SIR_NOPR_2_20221110T195643_20221110T195828_C001  CS_OFFL_SIR_NOPR_2_20221110T10744356_20221110T14558_C001  CS_OFFL_SIR_NOPR_2_20221110T10744356_20221110T1074558_C001  CS_OFFL_SIR_NOPR_2_20221110T10744356_20221110T1074558_C001  CS_OFFL_SIR_NOPR_2_20221110T10744356_20221110T1074558_C001  CS_OFFL_SIR_NOPR_2_20221110T10740_20221110T1074058_C001  COCOA Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPR_2_20221110T10740_20221110T1074058_C001  COCOA Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPR_2_20221110T10740_20221110T180907_C001  COCOA Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPR_2_20221110T14004558_C001  COCOA Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPR_2_20221110T180907_C001  COCOA Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_N	CS_OFFL_SIR_NOPN_2_20221110T044330_20221110T044334_C001		
Backscatter Quality  Gr one or more records  CS_OFFL_SIR_NOPN_2_20221110T155055_20221110T155159_C001  Backscatter Quality  CS_OFFL_SIR_NOPN_2_20221110T180907_20221110T181319_C001  CS_OFFL_SIR_NOPN_2_20221110T180907_20221110T181319_C001  CS_OFFL_SIR_NOPN_2_20221110T195643_20221110T195828_C001  CS_OFFL_SIR_NOPN_2_20221110T195643_20221110T195828_C001  CS_OFFL_SIR_NOPR_2_20221110T195643_20221110T195828_C001  CS_OFFL_SIR_NOPR_2_20221110T1044558_C001  CS_OFFL_SIR_NOPR_2_20221110T1044356_20221110T1044558_C001  CS_OFFL_SIR_NOPR_2_20221110T1044356_20221110T10044558_C001  CS_OFFL_SIR_NOPR_2_20221110T10044558_C001  CS_OFFL_SIR_NOPR_2_20221110T10044558_C001  CS_OFFL_SIR_NOPR_2_20221110T10044558_C001  CS_OFFL_SIR_NOPR_2_20221110T10044558_C001  CS_OFFL_SIR_NOPR_2_20221110T10044558_C001  CS_OFFL_SIR_NOPR_2_20221110T10044558_C001  CS_OFFL_SIR_NOPR_2_20221110T10044558_C001  CS_OFFL_SIR_NOPR_2_20221110T10044558_C001  CS_OFFL_SIR_NOPR_2_20221110T10044558_C001  CC_OCA Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPR_2_20221110T10044558_C001  CC_OCA Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records  CC_OCA Altimeter Range and Backscatter Quality Flags have been set for one or more records  CC_OCA Altimeter Range and Backscatter Quality Flags have been set for one or more records  CC_OCA Altimeter Range and Backscatter Quality Flags have been set for one or more records  CC_OCA Altimeter Range and Backscatter Quality Flags have been set for one or more records  CC_OCA Altimeter Range and Backscatter Quality Flags have been set for one or more records  CC_OCA Altimeter Range Quality, OCOG Altimeter Range	CS_OFFL_SIR_NOPN_2_20221110T073314_20221110T073328_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality  Gro one or more records  CS_OFFL_SIR_NOPN_2_20221110T180907_20221110T181319_C001  CS_OFFL_SIR_NOPN_2_20221110T180907_20221110T181319_C001  OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOG Altimeter 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, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and 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_20221110T120740_20221110T120831_C001  OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records  OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records  OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records  OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records  OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPN_2_20221110T131159_20221110T131324_C001		
Backscatter Quality  CS_OFFL_SIR_NOPN_2_20221110T195643_20221110T195828_C001  CS_OFFL_SIR_NOPN_2_20221110T195643_20221110T195828_C001  CS_OFFL_SIR_NOPR_2_20221110T044356_20221110T044558_C001  CS_OFFL_SIR_NOPR_2_20221110T044356_20221110T044558_C001  CS_OFFL_SIR_NOPR_2_20221110T044356_20221110T044558_C001  CS_OFFL_SIR_NOPR_2_20221110T120740_20221110T120831_C001  CS_OFFL_SIR_NOPR_2_20221110T120740_20221110T120831_C001  CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T180907_C001  CS_OFFL_SIR_NOPR_2_20221110T18	CS_OFFL_SIR_NOPN_2_20221110T155055_20221110T155159_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been CS_OFFL_SIR_NOPR_2_20221110T120740_20221110T120831_C001  CS_OFFL_SIR_NOPR_2_20221110T120740_20221110T120831_C001  CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T180907_C001  CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T180907_C001  CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T180907_C001  CS_OFFL_SIR_NOPR_2_20221110T190232_20221110T190954_C001  OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  The OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  The Ocean Altimeter Range, SSHA, SWH 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_20221110T190232_20221110T190954_C001  OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPN_2_20221110T180907_20221110T181319_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  CS_OFFL_SIR_NOPR_2_20221110T120740_20221110T120831_C001  CS_OFFL_SIR_NOPR_2_20221110T120740_20221110T120831_C001  CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T180907_C001	CS_OFFL_SIR_NOPN_2_20221110T195643_20221110T195828_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality for one or more records  CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T180907_C001  CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T180907_C001  CS_OFFL_SIR_NOPR_2_20221110T19032_20221110T190934_C001  CS_OFFL_SIR_NOPR_2_20221110T190332_20221110T190934_C001  CS_OFFL_SIR_NOPR_2_20221110T190332_20221110T190934_C001  CS_OFFL_SIR_NOPR_2_20221110T190332_20221110T190934_C001  CS_OFFL_SIR_NOPR_2_20221110T190332_20221110T190934_C001  CS_OFFL_SIR_NOPR_2_20221110T190332_20221110T190934_C001  CS_OFFL_SIR_NOPR_2_20221110T190332_20221110T190934_C001	CS_OFFL_SIR_NOPR_2_20221110T044356_20221110T044558_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T180907_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records  OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatter Quality Flags have been set occord and the OCOG Altimeter Range and Backscatte	CS_OFFL_SIR_NOPR_2_20221110T120740_20221110T120831_C001		
	CS_OFFL_SIR_NOPR_2_20221110T180645_20221110T180907_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_NOPR_2_20221110T190232_20221110T190954_C001		

CS_OFFL_SIR_NOPR_2_20221110T190958_20221110T191009_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_20221110T215819_20221110T215836_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20221110T224122_20221110T224541_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

## L2 Quality Flags (20 Hz PLRM)

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20221110T000432_20221110T000743_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_20221110T004331_20221110T004445_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_20221110T004534_20221110T004923_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_20221110T005915_20221110T010046_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_20221110T013513_20221110T013629_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_20221110T014521_20221110T014638_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_20221110T022032_20221110T022616_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_20221110T023356_20221110T023411_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_20221110T023522_20221110T023608_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_20221110T043456_20221110T043513_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_20221110T044330_20221110T044334_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_20221110T045432_20221110T045557_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_20221110T055745_20221110T055749_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_20221110T060247_20221110T060258_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_20221110T061006_20221110T061335_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_20221110T063415_20221110T063641_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_20221110T081457_20221110T081732_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_20221110T081925_20221110T082217_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_20221110T085528_20221110T085659_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_20221110T091006_20221110T091127_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_20221110T095028_20221110T095618_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_20221110T104430_20221110T104533_C001  Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM  The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM and Backscatter Quality PLRM  The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM	
CS_OFFL_SIR_NOPN_2_20221110T104936_20221110T105147_C001  Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM  The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM  The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM	
CS_OFFL_SIR_NOPN_2_20221110T105728_20221110T105850_C001  OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T111210_20221110T111501_C001  OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T114246_20221110T114450_C001  Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM  The Ocean Altimeter Range, SSHA, SWH and Backs Catter Quality PLRM and Backscatter Quality PLRM	
CS_OFFL_SIR_NOPN_2_20221110T120927_20221110T121241_C001  OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T121333_20221110T121457_C001  OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T131511_20221110T131611_C001  OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T132043_20221110T132303_C001  OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T145133_20221110T145528_C001  OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T150121_20221110T150248_C001  OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T154235_20221110T154301_C001  OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T155055_20221110T155159_C001  OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T155237_20221110T155352_C001  OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have more records  The OCOG Range and Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T163953_20221110T164104_C001  Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM PLRM  The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM plrM  The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM plrM  The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM plrM  The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM plrM  The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM plrM  The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM plrM  The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM plrM  The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM plrM  The Ocean Altimeter Range and Backscatter Quality PLRM plrM  The Ocean Alt	
CS_OFFL_SIR_NOPN_2_20221110T170215_20221110T170359_C001  OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T171556_20221110T171723_C001  OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T180907_20221110T181319_C001  OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have more records  The OCOG Range and Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T181853_20221110T182018_C001  Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM  The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM for one or more records	
CS_OFFL_SIR_NOPN_2_20221110T185644_20221110T185731_C001  OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have more records	ve been set for one or
Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM and Backscatter Quality PLRM.	
CS_OFFL_SIR_NOPN_2_20221110T194646_20221110T194821_C001  OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have more records	e been set for one or
CS_OFFL_SIR_NOPN_2_20221110T213439_20221110T213657_C001  OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have more records  The OCOG Range and Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T215217_20221110T215323_C001  OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Flags have more records	e been set for one or
CS_OFFL_SIR_NOPN_2_20221110T215550_20221110T215624_C001  OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have more records	ve been set for one or
CS_OFFL_SIR_NOPN_2_20221110T221439_20221110T221737_C001  OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have more records	ve been set for one or

CS_OFFL_SIR_NOPN_2_20221110T221831_20221110T222044_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_20221110T231336_20221110T231816_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_20221110T004923_20221110T005804_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_20221110T014638_20221110T014920_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_20221110T022616_20221110T023356_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_20221110T023702_20221110T023813_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_20221110T031226_20221110T031452_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_20221110T032543_20221110T032952_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_20221110T041907_20221110T041938_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_20221110T045028_20221110T045432_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_20221110T050426_20221110T050810_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_20221110T054225_20221110T054407_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_20221110T055749_20221110T060109_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_20221110T063019_20221110T063415_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_20221110T064352_20221110T064726_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_20221110T073157_20221110T073314_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_20221110T073328_20221110T073553_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_20221110T080757_20221110T081457_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_20221110T093231_20221110T093444_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_20221110T105147_20221110T105302_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_20221110T113035_20221110T113223_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_20221110T130922_20221110T131159_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_20221110T135944_20221110T140059_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_20221110T140352_20221110T140917_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_20221110T144719_20221110T145133_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_20221110T153306_20221110T153357_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_20221110T153841_20221110T153912_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_20221110T154129_20221110T154213_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_20221110T154301_20221110T155055_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_20221110T155223_20221110T155227_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_20221110T164104_20221110T164633_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_20221110T172122_20221110T173041_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_20221110T180645_20221110T180907_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_20221110T182019_20221110T182418_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_20221110T183400_20221110T183548_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_20221110T190232_20221110T190954_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_20221110T195828_20221110T200439_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_20221110T204129_20221110T204710_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_20221110T204725_20221110T204841_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_20221110T213657_20221110T214159_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_20221110T215624_20221110T215819_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_20221110T222044_20221110T222734_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_20221110T224122_20221110T224541_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records

#### L2 Quality Flags (1 Hz & 1 Hz PLRM)

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

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

Number of products with errors:

### 5.7 L2 Ocean Retracking Quality Check

### L2 Retracking Flags (20 Hz)

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

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

Number of products with errors:

### L2 Retracking Flags (20 Hz PLRM)

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

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

Number of products with errors: 141

# 7. NOP QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_NOPM1B	183	183	4	179	0
SIR_NOPR1B	114	114	0	114	0
SIR_NOPN1B	112	112	4	108	0
SIR_NOPM_2	183	183	127	56	0
SIR_NOPR_2	114	114	47	66	1
SIR NOPN 2	112	112	47	65	0

### 7.1 QCC Errors

Number of QCC reports with errors:

Product Type RLOBOPNCDF RL RL

RLOBOPNCDF

Total number of occurrences of each error RL RL -

Abbreviation	Test name		Details			
<b>Test Description Ke</b>	y:					
		•				·
011(_110111(_2	1 1					

Test Description Key:					
Abbreviation	Test name	Details			
RLOBOPNCDF	RangeLatitudeOrBlankOP_7NetCDF	Latitude should be between -90E7 and 90E7 - NetCDF			
RL	RangeLatitude_6	Latitude should be between -90E6 and 90E6			
RL	RangeLatitude_7	Latitude should be between -90E7 and 90E7			

## 7.2 QCC Warnings

Number of QCC reports with warnings

1744

Total number of occurrences of each warning

Total number of occurrences of each warning							
Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD
SIR_NOPM1B	179	0	0	0	0	0	0
SIR_NOPM_2	0	0	40	40	2	40	0
SIR_NOPN1B	107	0	0	0	0	0	0
SIR_NOPN_2	0	0	12	30	6	28	31
SIR_NOPR1B	111	0	0	0	0	0	0
SIR_NOPR_2	0	1	34	39	0	29	25

Product Type	RBSZOPOEPNCDF	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCE	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	36	0	31	0	0	0	0
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	20	2	0	0	22	0	29
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	15	5	0	39	0	47	0

Product Type	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	30	0	0	6	28	0	3
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	0	0	25	17	47	52	27
SIR_NOPR1B	0	0	0	0	0	0	0
SIR NOPR 2	0	40	0	2	57	41	7

Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF
SIR_NOPM1B	0	0	0	1	0	0	0
SIR_NOPM_2	33	0	2	1	0	0	0
SIR_NOPN1B	0	0	0	0	0	47	0
SIR_NOPN_2	24	29	13	0	0	0	0
SIR_NOPR1B	0	0	0	0	0	114	4
SIR_NOPR_2	43	46	1	1	3	0	0

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Test Description Key: Abbreviation	Test name	Details				
BCSHNCDF	BurstCounterStep20HzNetCDF	The burst counter should be one higher with regard to the previous burst counter				
IOHHMOOR	IndexOf1Hzin20HzMappingOutOfRange	The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1)				
MVIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees				
MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees				
MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only				
RBSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RBSZOPOEPFDPLRM NCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RBSZOPOEPNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RNELPOTONCDF	RangeNELPOceanTideOceanNetCDF	The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean				
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDPLRMSINN CDF	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDSARNCDF	RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPSARNCDF	RangePeakinessExcludingPolarOPSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPSINNCDF	RangePeakinessExcludingPolarOPSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean				
RSSHAOFDNCDF	RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
RSSHAOFDPLRMNCD F	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RSWHOEPFDPLRMNC DF	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF	Rel_Time_ASC_Node_Stop mismatch				
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample				
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter				
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter				

# 7.3 Missing QCC Reports

Number of products with missing QCC reports: