



1. Overview

Report Production:	21-Jun-2023	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data	

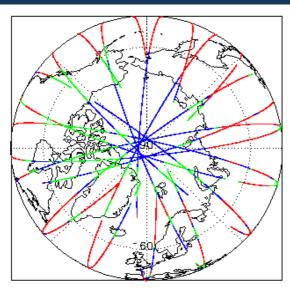
We would love to hear from you!

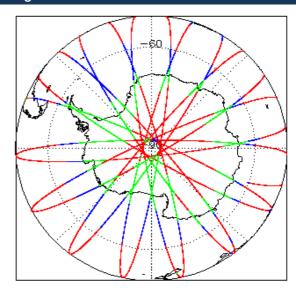
Please let us know your feedback about these daily quality reports: What do you like/ dislike? What quality information do you need? Send your feedback to cs2_qc_team@telespazio.com

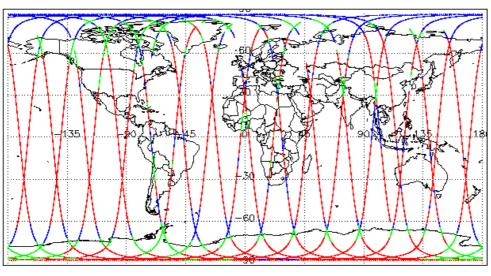
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 5.4
Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5
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

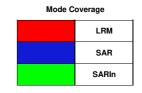
Mission / Instrument News		
17-Jun-2023	None	
18-Jun-2023	None	
19-Jun-2023	Nothing planned	

2. Global Coverage









3. Instrument Configuration

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

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

Number of products with errors:

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

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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:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20230618T172248_20230618T172640_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

22

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20230618T152043_20230618T152351_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20230618T163210_20230618T170528_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20230618T174655_20230618T174723_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20230618T195551_20230618T200328_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20230618T004325_20230618T004549_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20230618T040529_20230618T040917_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20230618T053304_20230618T053358_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20230618T103239_20230618T103536_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20230618T112818_20230618T113428_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20230618T172735_20230618T172940_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20230618T225348_20230618T225939_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20230618T230656_20230618T230835_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20230618T003713_20230618T004321_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20230618T021916_20230618T022321_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20230618T035824_20230618T040129_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20230618T071703_20230618T072427_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20230618T093954_20230618T094028_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20230618T103536_20230618T104058_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20230618T121512_20230618T122116_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20230618T135359_20230618T140121_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20230618T152937_20230618T153648_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20230618T193357_20230618T193736_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20230618T234704_20230618T234751_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:

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

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 Corection, 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.

umber of products with errors:

52

Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20230618T004557_20230618T004805_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_20230618T012608_20230618T012758_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_20230618T013617_20230618T013838_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_20230618T021734_20230618T021916_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_20230618T022321_20230618T022748_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_20230618T035650_20230618T035824_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_20230618T040129_20230618T040227_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_20230618T040529_20230618T040917_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_20230618T044543_20230618T044921_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_20230618T054651_20230618T054843_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_20230618T062507_20230618T062826_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_20230618T063338_20230618T063504_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_20230618T071457_20230618T071703_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_20230618T081244_20230618T081352_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_20230618T085508_20230618T085621_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_20230618T094949_20230618T095136_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_20230618T103239_20230618T103536_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_20230618T112818_20230618T113428_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_20230618T121005_20230618T121421_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_20230618T121508_20230618T121512_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_20230618T125855_20230618T130125_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_20230618T130752_20230618T131104_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_20230618T134855_20230618T135244_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_20230618T135319_20230618T135359_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_20230618T144842_20230618T144959_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_20230618T152351_20230618T152705_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_20230618T175752_20230618T175918_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_20230618T180439_20230618T180747_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_20230618T193736_20230618T193955_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_20230618T194340_20230618T194712_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_20230618T211818_20230618T212053_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_20230618T220636_20230618T220814_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_20230618T221327_20230618T221345_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_20230618T225348_20230618T225939_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_20230618T235256_20230618T235507_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_20230618T001538_20230618T001745_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_20230618T003713_20230618T004321_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_20230618T021916_20230618T022321_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_20230618T035824_20230618T040129_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_20230618T040227_20230618T040529_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_20230618T053644_20230618T054431_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_20230618T071703_20230618T072427_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_20230618T085621_20230618T090334_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_20230618T103536_20230618T104058_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_20230618T110224_20230618T110408_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_20230618T121421_20230618T121507_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_20230618T121512_20230618T122116_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_20230618T135244_20230618T135319_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_20230618T135359_20230618T140121_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_20230618T152937_20230618T153648_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_20230618T234905_20230618T235256_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_20230618T235853_20230618T235945_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20230618T172248_20230618T172640_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20 Hz)

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

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

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

Number of products with errors:

Product

88

Test Failed	Description

	Ocean Altimeter Range, SSHA, SWH	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags
CS_OFFL_SIR_NOPM_2_20230618T000009_20230618T001448_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPM_2_20230618T005246_20230618T012444_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_20230618T012759_20230618T013012_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_20230618T013026_20230618T013617_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_20230618T014000_20230618T020431_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_20230618T022951_20230618T023311_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_20230618T023620_20230618T023810_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_20230618T023813_20230618T030330_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_20230618T031010_20230618T031433_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_20230618T031852_20230618T034519_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_20230618T041012_20230618T044207_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_20230618T044921_20230618T045459_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_20230618T045755_20230618T050243_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_20230618T052601_20230618T052642_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_20230618T053358_20230618T053531_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_20230618T054843_20230618T062150_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_20230618T062826_20230618T063338_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_20230618T063733_20230618T065525_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_20230618T071318_20230618T071340_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_20230618T072618_20230618T074950_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_20230618T074952_20230618T080023_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_20230618T080600_20230618T080826_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_20230618T080843_20230618T081244_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_20230618T081727_20230618T084329_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_20230618T084348_20230618T085109_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_20230618T085309_20230618T085508_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

CODE_NUMBER_PROP_CARPY_CODES	CS_OFFL_SIR_NOPM_2_20230618T090334_20230618T092359_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
Descention County Col. CRFL SRR NCPM 2 EXECUTE FIRSTER SQUEDITE (CRESSED CORT) Col. CRFL SRR NCPM 2 EXECUTE FIRSTER SQUEDI	CS_OFFL_SIR_NOPM_2_20230618T092401_20230618T092403_C001		
ord Descenter Casin, COCID. Amenter Finage and Education County Finage have been with Cocid Amenter Finage and Education County Finage have been and Education County Finage Cocid Education County F	CS_OFFL_SIR_NOPM_2_20230618T092407_20230618T092414_C001		
CS_OFFL_SIR_NOPM_2_2020919T198291_2020919T198292_0001 CS_OFFL_SIR_NOPM_2_2020919T198479_2020919T094792_0001 CS_OFFL_SIR_NOPM_2_2020919T094792_0020919T094792_0001 CS_OFFL_SIR_NOPM_2_2020919T094792_0020919T094792_0001 CS_OFFL_SIR_NOPM_2_2020919T094792_0020919T094792_0001 CS_OFFL_SIR_NOPM_2_2020919T194792_0020919T094794_0001 CS_OFFL_SIR_NOPM_2_2020919T194792_0020919T194794_0001 CS_OFFL_SIR_NOPM_2_2020919T194792_0020919T194794_0001 CS_OFFL_SIR_NOPM_2_2020919T194797_00019T194794_0001 CS_OFFL_SIR_NOPM_2_2020919T194797_00019T19479_0001 CS_OFFL_SIR_NOPM_2_2020919T19479_00019T19479_0001 CS_OFFL_SIR_NOPM_2_2020919T19479_00019T19479_0001 CS_OFFL_SIR_NOPM_2_2020919T19479_00019T19479_0001 CS_OFFL_SIR_NOPM_2_2020919T19479_00019T1	CS_OFFL_SIR_NOPM_2_20230618T092416_20230618T093523_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Bestocate Quality CR_OFFL_SR_NOPM_2_2000618T109582_R000618T109540_0001 CR_OFFL_SR_NOPM_2_2000618T109582_R000618T109540_0001 CR_OFFL_SR_NOPM_2_2000618T109582_R000618T100140_0001 CR_OFFL_SR_NOPM_2_2000618T109582_R000618T100140_0001 CR_OFFL_SR_NOPM_2_2000618T109582_R000618T100140_0001 CR_OFFL_SR_NOPM_2_2000618T101317_R000618T100140_0001 CR_OFFL_SR_NOPM_2_2000618T101317_R000618T100140_0001 CR_OFFL_SR_NOPM_2_2000618T101317_R000618T100140_0001 CR_OFFL_SR_NOPM_2_2000618T101317_R000618T100140_0001 CR_OFFL_SR_NOPM_2_2000618T101317_R000618T100140_0001 CR_OFFL_SR_NOPM_2_2000618T101317_R000618T100140_0001 CR_OFFL_SR_NOPM_2_2000618T101317_R000618T100140_0001 CR_OFFL_SR_NOPM_2_2000618T101317_R000618T100140_0001 CR_OFFL_SR_NOPM_2_2000618T101310_0000618T1101120_0001 CR_OFFL_SR_NOPM_2_2000618T101310_0000618T100140_0001 CR_OFFL_SR_NOPM_2_2000618T101310_0000618T100140_0001 CR_OFFL_SR_NOPM_2_2000618T100140_0000618T100040_0001 CR_OFFL_SR_NOPM_2_2000618T100140_0000618T100040_0001 CR_OFFL_SR_NOPM_2_2000618T100140_0001 CR_OFFL_SR_NOPM_2_2000618T100140_0000618T100040_0001 CR_OFFL_SR_NOPM_2_2000618T100140_0000618T100040_0001 CR_OFFL_SR_NOPM_2_2000618T100140_0000618T100040_0001 CR_OFFL_SR_NOPM_2_2000618T100140_0000618T100040_0001 CR_OFFL_SR_NOPM_2_2000618T100140_0000618T100040_0001 CR_OFFL_SR_NOPM_2_2000618T100140_0000618T100040_0001 CR_OFFL_SR_NOPM_2_2000618T100140_0000618T100040_0001 CR_OFFL_SR_NOPM_2_2000618T100140_0000618T100040_0000618T100040_0000618T100040_0000618T100040_0000618T100040_0000618T100040_0000618T100040_0000618T100040_0000618T100040_0000618T100040_0000618T100040_0000618T100040_0000618T100040_0000618T100040_0000618T100040_000618T1000400618T1000400618T1000400618T1000400618T1000400618T1000400618T1000400618T1000400618T1000	CS_OFFL_SIR_NOPM_2_20230618T093631_20230618T093953_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Source S	CS_OFFL_SIR_NOPM_2_20230618T094207_20230618T094726_C001		
CB_OFFL_SIR_NOPW_2_2020018T105292_2020018T10529_2020018T10	CS_OFFL_SIR_NOPM_2_20230618T094745_20230618T094948_C001	0 3,	
and Resocate Coulty, COCA Arthretic Pages and Baldeceater Coulty and the COCCA Allmenter Reging SSNA, SWH and Resocate Coulty, Page and Resocate Coulty, COCA Arthretic Pages, SSNA, SWH and Resocate Coulty, COCA Arthretic Pages and Resocate Coulty Pages have been set for cor or none records CS_OFFL_SIR_NOPM_2_202306181141517_20230618114452_C020118174577_C0011 CS_OFFL_SIR_NOPM_2_202306181141517_202306181	CS_OFFL_SIR_NOPM_2_20230618T095832_20230618T101049_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality. CS_OFFL_SIR_NOPM_2_20230618711012_0200618711027_C001 Allienter Range and Backscatter Caulity. CS_OFFL_SIR_NOPM_2_202306187110131_20230618711027_C001 CS_OFFL_SIR_NOPM_2_20230618711044_020230618711027_C001 CS_OFFL_SIR_NOPM_2_20230618711044_0202306187110287_C001 CS_OFFL_SIR_NOPM_2_20230618711044_0202306187110287_C001 CS_OFFL_SIR_NOPM_2_2023061871044_0202306187110288_C001 CS_OFFL_SIR_NOPM_2_2023061871044_0202306187110288_C001 CS_OFFL_SIR_NOPM_2_2023061871044_020230618710288_C001 CS_OFFL_SIR_NOPM_2_2023061871044_020230618710288_C001 CS_OFFL_SIR_NOPM_2_2023061871044_020230618710288_C001 CS_OFFL_SIR_NOPM_2_2023061871048_020230618710288_C001 CS_OFFL_SIR_NOPM_2_2023061871048_0202306187102044_C001 CS_OFFL_SIR_NOPM_2_2023061871048_0202306187102044_C001 CS_OFFL_SIR_NOPM_2_2023061871048_0202306187102044_C001 CS_OFFL_SIR_NOPM_2_2023061871048_020230618710204_C001 CS_OFFL_SIR_NOPM_2_2023061871048_0202306187102044_C001 CS_OFFL_SIR_NOPM_2_2023061871048_0202306187102044_C001 CS_OFFL_SIR_NOPM_2_2023061871048_0202306187103755_C001 CS_OFFL_SIR_NOPM_2_2023061871048_0202306187103755_C001 CS_OFFL_SIR_NOPM_2_2023061871048_0202306187103755_C001 CS_OFFL_SIR_NOPM_2_2023061871048_0202306187103755_C001 CS_OFFL_SIR_NOPM_2_2023061871048_020230618710484_0001 CS_OFFL_SIR_NOPM_2_2023061871048_0000187104840_0001 CS_OFFL_SIR_NOPM_2_20230618710482_00006187104840_0001 CS_OFFL_SIR_NOPM_2_20230618710482_00006187104840_0001 CS_OFFL_SIR_NOPM_2_202306187104840_0001 CS_OFFL_SIR_NOPM_2_202306187104840_0001 CS_OFFL_SIR_NOPM_2_202306187104840_0001 CCS_OFFL_SIR_NOPM_2_202306187104840_0001 CCS_	CS_OFFL_SIR_NOPM_2_20230618T101317_20230618T103046_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscater Quality, OCOS Alternater Range and Backscater Quality (Cosp. Alternater Range) CS_OFFL_SIR_NOPM_2_20230618T110443_20230618T111847_C001 CS_OFFL_SIR_NOPM_2_20230618T110443_20230618T111847_C001 CS_OFFL_SIR_NOPM_2_20230618T110443_20230618T10443_20230618T104443_20230618T104443_20230618T104443_20230618T10443_20230618T104443_20230618T104443_20230618T104443_20230618T10443_20230618T104443_200108_20008_20008_20008_20008_20008_20008_20008_20008_20008_20008_20008_20008_20008_20008_200	CS_OFFL_SIR_NOPM_2_20230618T105236_20230618T110121_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality. COCG Altimeter Range and Backscatter Quality Flags have been set for core or more records CS_OFFL_SIR_NOPM_2_20230618T11213_20230618T112828_CO01 CS_OFFL_SIR_NOPM_2_20230618T11213_20230618T112828_CO01 CS_OFFL_SIR_NOPM_2_20230618T11213_20230618T113822_CO01 CS_OFFL_SIR_NOPM_2_20230618T113905_20230618T113822_CO01 CS_OFFL_SIR_NOPM_2_20230618T113918_20230618T12044_CO01 CS_OFFL_SIR_NOPM_2_20230618T13918_20230618T12044_CO01 CS_OFFL_SIR_NOPM_2_20230618T13918_20230618T13955_CO01 CS_OFFL_SIR_NOPM_2_20230618T130125_20230618T13955_CO01 CS_OFFL_SIR_NOPM_2_20230618T130125_20230618T133725_CO01 CS_OFFL_SIR_NOPM_2_20230618T130125_20230618T133725_CO01 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T143707_CO01 CS_OFFL_SIR_NOPM_2_20230618T143505_20230618T143707_CO01 CS_OFFL_SIR_NOPM_2_20230618T143505_20230618T134556_CO01 CS_OFFL_SIR_NOPM_2_20230618T143505_20230618T144586_CO01 CS_OFFL_SIR_NOPM_2_20230618T143505_20230618T134575_CO01 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T143707_CO01 CS_OFFL_SIR_NOPM_2_20230618T143505_20230618T144586_CO01 CS_OFFL_SIR_NOPM_2_20230618T145055_20230618T144586_CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T1444886_CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T1444886_CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T1444886_CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T144886_CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T144886_CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T144886_CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T154050.CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T1540643_CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T1540643_CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T1540643_CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T1540643_CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T1540643_CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T1540643_CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T1540643_CO01 CS_OFFL_SIR_NOPM_2_20230618T145053_20230618T1540643_CO01 CS_OFFL_SIR_NOPM_2_20230618T154063_20230618T154	CS_OFFL_SIR_NOPM_2_20230618T110131_20230618T110207_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscater Quality CS_OFFL_SIR_NOPM_2_20230618T112303_20230618T13622_CO01 Coean Altimeter Range, SIHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20230618T115812_20230618T120044_CO01 CS_OFFL_SIR_NOPM_2_20230618T115812_20230618T120044_CO01 CS_OFFL_SIR_NOPM_2_20230618T115812_20230618T120044_CO01 CS_OFFL_SIR_NOPM_2_20230618T1120152_20230618T120044_CO01 CS_OFFL_SIR_NOPM_2_20230618T1120152_20230618T120044_CO01 CS_OFFL_SIR_NOPM_2_20230618T120152_20230618T120044_CO01 CS_OFFL_SIR_NOPM_2_20230618T13125734_CO01 CS_OFFL_SIR_NOPM_2_20230618T13125734_CO01 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T130555_CO01 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T130555_CO01 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T130555_CO01 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T130555_CO01 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T130555_CO01 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T130555_CO01 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T130555_CO01 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T130555_CO01 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T130555_CO01 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T14458_CO01 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T14458_CO01 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T14458_CO01 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144842_CO01 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144842_CO01 CS_OFFL_SIR_NOPM_2_20230618T145213_20230618T154517_CO01 CS_OFFL_SIR_NOPM_2_20230618T145213_20230618T154643_CO01 CS_OFFL_SIR_NOPM_2_20230618T15417_20230618T154643_CO01 CS_OFFL_SIR_NOPM_2_20230618T15417_20230618T154643_CO01 CS_OFFL_SIR_NOPM_2_20230618T15417_20230618T154643_CO01 CS_OFFL_SIR_NOPM_2_20230618T15417_20230618T154643_CO01 CS_OFFL_SIR_NOPM_2_20230618T15417_20230618T154643_CO01 CS_OFFL_SIR_NOPM_2_20230618T15417_20230618T154643_CO01 CS_OFFL_SIR_NOPM_2_20230618T15417_20230618T154643_CO01 CS_OFFL_SIR_NOPM_2_20230618T15417_20230618T154643_CO01 CCCCA Altimeter Range Quality, CCCG CCCCA Altimeter Range All backscatter Cualit	CS_OFFL_SIR_NOPM_2_20230618T110443_20230618T111847_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality (CSQ Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20230618T115818_20230618T120044_C001 CS_OFFL_SIR_NOPM_2_20230618T124152_20230618T125734_C001 CS_OFFL_SIR_NOPM_2_20230618T124152_20230618T125734_C001 CS_OFFL_SIR_NOPM_2_20230618T124152_20230618T125734_C001 CS_OFFL_SIR_NOPM_2_20230618T124152_20230618T125734_C001 CS_OFFL_SIR_NOPM_2_20230618T130125_20230618T130555_C001 CS_OFFL_SIR_NOPM_2_20230618T130125_20230618T130555_C001 CS_OFFL_SIR_NOPM_2_20230618T130125_20230618T13075_C001 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T13075_C001 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T14070_C001 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T14070_C001 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T14458_C001 CS_OFFL_SIR_NOPM_2_20230618T141257_20230618T14458_C001 CS_OFFL_SIR_NOPM_2_20230618T141257_20230618T14458_C001 CS_OFFL_SIR_NOPM_2_20230618T14457_20230618T144642_C001 CS_OFFL_SIR_NOPM_2_202230618T14457_20230618T144642_C001 CS_OFFL_SIR_NOPM_2_202230618T14457_20230618T144642_C001 CS_OFFL_SIR_NOPM_2_202230618T14457_20230618T154763_C001 CS_OFFL_SIR_NOPM_2_202230618T14457_20230618T1547643_C001 CS_OFFL_SIR_NOPM_2_202230618T14457_20230618T1547643_C001 CCCOA_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCOA_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCOA_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCOA_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCOA_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCOA_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCOA_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCOA_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCOA_Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPM_2_20230618T112133_20230618T112628_C001		
and Backscatter Quality Flags have been althought Plags have been Althmeter Range and Backscatter Quality Plags have been Althmeter Range and Backscatter Quality Plags have been Althmeter Range and Backscatter Quality Plags have been althought Plags have been set for one or more records CS_OFFL_SIR_NOPM_2_20230618T124152_20230618T125734_C001 CS_OFFL_SIR_NOPM_2_20230618T130125_20230618T130555_C001 CS_OFFL_SIR_NOPM_2_20230618T130125_20230618T130555_C001 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T130555_C001 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T130725_C001 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T130725_C001 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T130725_C001 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T149707_C001 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T144458_C001 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144458_C001 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144458_C001 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T15917_C001 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T15917_C001 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144642_C001 CS_OFFL_SIR_NOPM_2_20230618T145213_20230618T15917_C001 CS_OFFL_SIR_NOPM_2_20230618T145213_20230618T15917_C001 CS_OFFL_SIR_NOPM_2_20230618T145213_20230618T15917_C001 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T15917_C001 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T152051_C001 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T152051_C001 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T152051_C001 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T154043_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T154043_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T154043_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T154043_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T154043_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T154043_20230618T154918_C001 CCOGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20230618T154043_20230618T154918_C001 CCOGA Altimeter Ran	CS_OFFL_SIR_NOPM_2_20230618T113503_20230618T113622_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_NOPM_2_20230618T130125_20230618T130555_CO01 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T133725_CO01 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T133725_CO01 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T143707_CO01 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T143707_CO01 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T14458_CO01 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144458_CO01 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144642_CO01 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T151917_CO01 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T151917_CO01 CS_OFFL_SIR_NOPM_2_20230618T145213_20230618T151917_CO01 CS_OFFL_SIR_NOPM_2_20230618T145213_20230618T152051_CO01 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T152051_CO01 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T154484_CO01 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T154484_CO01 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T154484_CO01 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T154484_CO01 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T154484_CO01 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T154643_CO01 CS_OFFL_SIR_NOPM_2_20230618T154043_20230618T154484_CO01 CS_OFFL_SIR_NOPM_2_20230618T154043_20230618T154484_CO01 CS_OFFL_SIR_NOPM_2_20230618T154043_20230618T154484_CO01 CS_OFFL_SIR_NOPM_2_20230618T154043_20230618T154643_CO01 CS_OFFL_SIR_NOPM_2_20230618T154043_20230618T154643_CO01 CS_OFFL_SIR_NOPM_2_20230618T154043_20230618T154643_CO01 CS_OFFL_SIR_NOPM_2_20230618T154733_20230618T154918_CO01 CS_OFFL_SIR_NOPM_2_20230618T154733_20230618T154918_CO01 CS_OFFL_SIR_NOPM_2_20230618T154733_20230618T154643_CO01 CS_OFFL_SIR_NOPM_2_20230618T164733_20230618T154918_CO01 CCGA Altimeter Range Cuality, CCCG Backscatter Quality, CC	CS_OFFL_SIR_NOPM_2_20230618T115818_20230618T120044_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_NOPM_2_20230618T131257_20230618T133725_C001 CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T133725_C001 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T143707_C001 CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T14458_C001 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144458_C001 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T1444842_C001 CS_OFFL_SIR_NOPM_2_20230618T14513_20230618T151917_C001 CS_OFFL_SIR_NOPM_2_20230618T14513_20230618T151917_C001 CS_OFFL_SIR_NOPM_2_20230618T14513_20230618T151917_C001 CS_OFFL_SIR_NOPM_2_20230618T14513_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T15493_20230618T154918_C001 CCCan Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CCCAN Altimeter Range and Backscatter Quality Flags have been set for one or more records CCCAN Altimeter Range and Backscatter Quality Flags have been set for one or more records CCCAN Altimeter Range and Backscatter Quality Flags have been set for one or more records CCCAN Altimeter Range and Backscatter Quality Flags have been set for one or more records CCCAN Altimeter Range and Backscatter Quality Flags have been set for one or more records CCCAN Altimeter Range and Backscatter Quality Flags have been set for one or more records CCCAN Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CCCAN Altimeter Range Altimete	CS_OFFL_SIR_NOPM_2_20230618T124152_20230618T125734_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T133725_C001 and Backscatter Quality, CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T143707_C001 CS_OFFL_SIR_NOPM_2_20230618T144211_20230618T14458_C001 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144458_C001 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144458_C001 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144842_C001 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T151917_C001 CS_OFFL_SIR_NOPM_2_20230618T152031_20230618T152351_C001 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T152351_C001 CS_OFFL_SIR_NOPM_2_20230618T154733_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T164918_C001 CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T164918_C001 CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T164918_C001 CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T164918_C001 CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T164918_C001 CS_OFFL_SIR_NOPM_2_20230618T164923_20230618T164918_C001 CS_OFFL_SIR_NOPM_2_20230618T164923_20230618T164918_C001 CS_OFFL_SIR_NOPM_2_20230618T164923_20230618T164918_	CS_OFFL_SIR_NOPM_2_20230618T130125_20230618T130555_C001		
Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20230618T143950_20230618T144458_C001 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144458_C001 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144458_C001 CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T151917_C001 CS_OFFL_SIR_NOPM_2_20230618T145213_20230618T151917_C001 CS_OFFL_SIR_NOPM_2_20230618T145213_20230618T151917_C001 CS_OFFL_SIR_NOPM_2_20230618T145213_20230618T151917_C001 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T152051_C001 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T154051_C001 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T154051_C001 CS_OFFL_SIR_NOPM_2_20230618T154053_20230618T154051_C001 CS_OFFL_SIR_NOPM_2_20230618T154053_20230618T154051_C001 CS_OFFL_SIR_NOPM_2_20230618T154053_20230618T154051_C001 CS_OFFL_SIR_NOPM_2_20230618T154053_20230618T154051_C001 CS_OFFL_SIR_NOPM_2_20230618T154053_20230618T154051_C001 CS_OFFL_SIR_NOPM_2_20230618T154053_20230618T154051_C001 CS_OFFL_SIR_NOPM_2_20230618T154053_20230618T154051_C001 CS_OFFL_SIR_NOPM_2_20230618T154053_20230618T154051_C001 CS_OFFL_SIR_NOPM_2_20230618T154053_20230618T154051_C001 CCOM Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records CCOM Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records CCOM Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records CCOM Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records CCOM Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records CCOM Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records CCOM Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records CCOM Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records CCOM Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for	CS_OFFL_SIR_NOPM_2_20230618T131257_20230618T133725_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144842_C001 DCGA Altimeter Range Quality, OCOG Backscatter Quality CS_OFFL_SIR_NOPM_2_20230618T145213_20230618T151917_C001 DCGA Altimeter Range, SSHA, SWH and Backscatter Quality DCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records DCGA Altimeter Range Quality, DCGA The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records DCGA Altimeter Range, SSHA, SWH DCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records DCGA Altimeter Range, SSHA, SWH DCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records DCGA Altimeter Range, SSHA, SWH DCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20230618T141211_20230618T143707_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T151917_C001 Backscatter Quality CS_OFFL_SIR_NOPM_2_20230618T145213_20230618T151917_C001 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T152351_C001 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T152051_C001 CS_OFFL_SIR_NOPM_2_20230618T154137_20230618T154043_C001 CS_OFFL_SIR_NOPM_2_20230618T154137_20230618T154043_C001 CS_OFFL_SIR_NOPM_2_20230618T154137_20230618T154051_C001 CS_OFFL_SIR_NOPM_2_20230618T154733_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T154733_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T161631_C001 CS_OFFL_S	CS_OFFL_SIR_NOPM_2_20230618T143950_20230618T144458_C001		
CS_OFFL_SIR_NOPM_2_20230618T15213_20230618T151917_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T152351_C001 CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T152351_C001 CS_OFFL_SIR_NOPM_2_20230618T154137_20230618T154643_C001 CS_OFFL_SIR_NOPM_2_20230618T154137_20230618T154643_C001 CS_OFFL_SIR_NOPM_2_20230618T154733_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T154733_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T161631_C001 CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T161631_C001 CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T161631_C001 CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T161631_C001 And Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T161631_C001 CCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T161631_C001 CCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCEAN Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCEAN Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20230618T144517_20230618T144842_C001		
CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T152351_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20230618T145213_20230618T151917_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_NOPM_2_20230618T154733_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T154733_20230618T154918_C001 CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T161631_C001 CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T161631_C001 Backscatter Quality CCGAltimeter Range Quality, OCCG Backscatter Quality Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCGAltimeter Range and Backscatter Quality Flags and the OCCGAltimeter Range and Backscatter Quality Flags and Backscatter Quality Flags and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20230618T152043_20230618T152351_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_NOPM_2_20230618T154933_20230618T164918_C001 Backscatter Quality for one or more records Cs_OFFL_SIR_NOPM_2_20230618T154923_20230618T161631_C001 Cs_OFFL_SIR_NOPM_2_20230618T154923_20230618T161631_C001 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPM_2_20230618T154137_20230618T154643_C001		
CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T161631_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPM_2_20230618T154733_20230618T154918_C001		
	CS_OFFL_SIR_NOPM_2_20230618T154923_20230618T161631_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

Ce_OFFL_SIR_NOPM_2_20230618T103210_20230618T10528_C001 Cean Altimeter Flange, SSHA, SWH and Backscatter Quality Flags have been considered from the CoCG Alterester Flange and Backscatter Quality Flags have been considered from the CoCG Alterester Flange and Backscatter Quality Flags have been considered from the CoCG Alterester Flange, SSHA, SWH and Backscatter Quality Flags have been considered from the CoCG Alterester Flange, SSHA, SWH and Backscatter Quality Flags have been considered from the CoCG Alterester Flange, SSHA, SWH and Backscatter Quality Flags have been considered from the CoCG Alterester Flange, SSHA, SWH and Backscatter Quality Flags have been considered from the CoCG Alterester Flange, SSHA, SWH and Backscatter Quality Flags have been cocgo and been considered from the CoCG Alterester Flange, SSHA, SWH and Backscatter Quality Flags have been considered from the CoCG Alterester Flange, SSHA, SWH and Backscatter Quality Flags have been considered from the CoCG Alterester Flange, SSHA, SWH and Backscatter Quality Flags have been considered from the CoCG Alterester Flange, SSHA, SWH and Backscatter Quality Flags have been considered from the CoCG Alterester Flange, SSHA, SWH and Backscatter Quality Flags have been considered from the CoCG Alterester Flange, SSHA, SWH and Backscatter Quality Flags have been cocgo and been considered from the CoCG Alterester Flange, SSHA, SWH and Backscatter Quality Flags have been cocgo and been cocgo and been considered from the CoCG Alterester Flange, SSHA, SWH and Backscatter Quality Flags have been cocgo and been cocg	n set
Backscater Quality CS_OFFL_SIR_NOPM_2_20230618T174923_20230618T175530_C001 CS_OFFL_SIR_NOPM_2_20230618T179218_20230618T180439_C001 CS_OFFL_SIR_NOPM_2_20230618T17918_20230618T180439_C001 CS_OFFL_SIR_NOPM_2_20230618T18130_20230618T180439_C001 CS_OFFL_SIR_NOPM_2_20230618T18130_20230618T180403_C001 CS_OFFL_SIR_NOPM_2_20230618T18130_20230618T180403_C001 CS_OFFL_SIR_NOPM_2_20230618T180403_C001 CS_OFFL_SIR_NOPM_2_20230618T180403_C001 CS_OFFL_SIR_NOPM_2_20230618T180403_C001 CS_OFFL_SIR_NOPM_2_20230618T180403_C001 CS_OFFL_SIR_NOPM_2_20230618T190082_20230618T190104_C001 CS_OFFL_SIR_NOPM_2_20230618T190823_20230618T190094_C001 CS_OFFL_SIR_NOPM_2_20230618T190082_20230618T190094_C001 CS_OFFL_SIR_NOPM_2_20230618T190082_20230618T190094_C001 CS_OFFL_SIR_NOPM_2_20230618T190082_20230618T190094_C001 CS_OFFL_SIR_NOPM_2_20230618T190082_20230618T190094_C001 CS_OFFL_SIR_NOPM_2_20230618T190082_20230618T190094_C001 CS_OFFL_SIR_NOPM_2_20230618T190082_20230618T190094_C001 CS_OFFL_SIR_NOPM_2_20230618T190082_20230618T190094_C001 CS_OFFL_SIR_NOPM_2_20230618T190082_20230618T190094_C001 CS_OFFL_SIR_NOPM_2_20230618T190094_C001 CS_OFFL_SIR_NOPM_2_20230618T190094_C001 CS_OFFL_SIR_NOPM_2_20230618T190094_C0018	
and Backscatter Quality (COCA Altimeter Range and Backscatter Quality Flags have before one or more records CS_OFFL_SIR_NOPM_2_20230618T18130_20230618T180439_C001 CS_OFFL_SIR_NOPM_2_20230618T18130_20230618T180439_C001 CS_OFFL_SIR_NOPM_2_20230618T18130_20230618T180439_C001 CS_OFFL_SIR_NOPM_2_20230618T18130_20230618T180439_C001 CS_OFFL_SIR_NOPM_2_20230618T18150_20230618T190104_C001 CS_OFFL_SIR_NOPM_2_20230618T190823_20230618T190104_C001 CS_OFFL_SIR_NOPM_2_20230618T190823_20230618T191327_C001 CS_OFFL_SIR_NOPM_2_20230618T190823_20230618T191327_C001 CS_OFFL_SIR_NOPM_2_20230618T190823_20230618T190104_C001 CS_OFFL_SIR_NOPM_2_20230618T190823_20230618T190105_C001 CS_OFFL_SIR_NOPM_2_20230618T190803_20230618T190803_C001 CS_OFFL_SIR_NOPM_2_20230618T190803_20230618T190803_C001 CS_OFFL_SIR_NOPM_2_20230618T190803_20230618T190803_C001 CS_OFFL_SIR_NOPM_2_20230618T190803_20230618T190803_C001 CS_OFFL_SIR_NOPM_2_20230618T190803_20230618T190803_C001 CS_OFFL_SIR_NOPM_2_20230618T190803_20230618T190803_C001 CS_OFFL_SIR_NOPM_2_20230618T190803_20230618T201106_C001 CS_OFFL_SIR_NOPM_2_20230618T190803_20230618T201106_C001 CS_OFFL_SIR_NOPM_2_20230618T190803_20230618T201106_C001 CS_OFFL_SIR_NOPM_2_20230618T190805_20230618T201106_C001 CS_OFFL_SIR_NOPM_2_20230618T190805_20230618T201106_C001 CS_OFFL_SIR_NOPM_2_20230618T190805_20230618T201106_C001 CS_OFFL_SIR_NOPM_2_20230618T20305_20230618T2012086_C001 CS_OFFL_SIR_NOPM_2_20230618T20305_20230618T2012086_C001 CS_OFFL_SIR_NOPM_2_20230618T20305_20230618T2012086_C001 CS_O	n set
Backscatter Quality CS_OFFL_SIR_NOPM_2_20230618T181130_20230618T194603_C001 CS_OFFL_SIR_NOPM_2_20230618T18150_20230618T194603_C001 CS_OFFL_SIR_NOPM_2_20230618T185640_20230618T19132T_C001 CS_OFFL_SIR_NOPM_2_20230618T196823_20230618T19132T_C001 CS_OFFL_SIR_NOPM_2_20230618T196823_20230618T19132T_C001 CS_OFFL_SIR_NOPM_2_20230618T196823_20230618T19132T_C001 CS_OFFL_SIR_NOPM_2_20230618T191655_20230618T192141_C001 CS_OFFL_SIR_NOPM_2_20230618T191655_20230618T192141_C001 CS_OFFL_SIR_NOPM_2_20230618T190802_20230618T192141_C001 CS_OFFL_SIR_NOPM_2_20230618T190802_20230618T192411_C001 CS_OFFL_SIR_NOPM_2_20230618T190802_20230618T192411_C001 CS_OFFL_SIR_NOPM_2_20230618T190802_20230618T192411_C001 CS_OFFL_SIR_NOPM_2_20230618T190802_20230618T192411_C001 CS_OFFL_SIR_NOPM_2_20230618T190802_20230618T192411_C001 CS_OFFL_SIR_NOPM_2_20230618T190802_20230618T192411_C001 CS_OFFL_SIR_NOPM_2_20230618T190802_20230618T192411_C001 CS_OFFL_SIR_NOPM_2_20230618T190802_20230618T190802_20230618T190802_20230618T190802_20230618T190802_20230618T190802_20230618T190802_20230618T190802_20230618T190802_20230618T190802_20230618T190802_20230618T190802_20230618T190802_20230618T190802_20230618T190802_20230618T190802_20230618T2002713_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T2002713_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T2002713_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T211118_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T211118_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T2100353_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T2100353_20230618T215552_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T215552_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T215552_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T215550_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T215550_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T215550_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T215550_C001 CS_OFFL_SIR_NO	
and Backscatter Quality COG Altimeter Range and Backscatter Quality Flags have better Range and Backscatter Quality Flags have and the OCGO Altimeter Range and Backscatter Quality Flags have better Range and Backscatter Quality Flags have and Backscatter Quality Flags have better Range and Backscatter Quality Flags have better Range and Backscatter Quality Flags have between Altimeter Range, SHA, SWH and Backscatter Quality, OCG Backscatter Q	n set
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have Backscatter Quality Flags have CS_OFFL_SIR_NOPM_2_20230618T190823_20230618T191327_C001 CS_OFFL_SIR_NOPM_2_20230618T190823_20230618T191327_C001 CS_OFFL_SIR_NOPM_2_20230618T190823_20230618T192141_C001 CS_OFFL_SIR_NOPM_2_20230618T191655_20230618T192141_C001 CS_OFFL_SIR_NOPM_2_20230618T191655_20230618T192141_C001 CS_OFFL_SIR_NOPM_2_20230618T192329_20230618T193357_C001 CS_OFFL_SIR_NOPM_2_20230618T192329_20230618T193357_C001 CS_OFFL_SIR_NOPM_2_20230618T19559_20230618T195542_C001 CS_OFFL_SIR_NOPM_2_20230618T195551_20230618T195542_C001 CS_OFFL_SIR_NOPM_2_20230618T195551_20230618T200328_C001 CS_OFFL_SIR_NOPM_2_20230618T195551_20230618T200328_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T200713_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T211118_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T211118_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T210053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T210053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T210053_20230618T212552_C001 CS_OFFL_SIR_NOPM_2_20230618T210053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T210053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T210053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T210053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T210053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T210053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T210053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T210053_20230618T2100552_C001 CS_OFFL_SIR_NOPM_2_20230618T210053_20230618T2100552_C001 CS_OFFL_SIR_NOPM_2_20230618T210053_20230618T2100552_C001 CS_OFFL_SIR_NOPM_2_20230618T210053_20230618T2100552_C001 CCean Altimeter Range and Backscatter Quality Flags have before one or more records CCG_OFFL_SIR_NOPM_2_20230618T210053_20230618T2100552_C001 CCEAN Altimeter Range and Backscatter Quality Flags have before one or more records CCG_OFFL_SIR_NOPM_2_20230618T210053_20230618T2100	
Backscatter Quality CS_OFFL_SIR_NOPM_2_20230618T191655_20230618T192141_C001 CS_OFFL_SIR_NOPM_2_20230618T192329_20230618T193357_C001 CS_OFFL_SIR_NOPM_2_20230618T192329_20230618T193357_C001 CS_OFFL_SIR_NOPM_2_20230618T195550_20230618T195542_C001 CS_OFFL_SIR_NOPM_2_20230618T195551_20230618T195542_C001 CS_OFFL_SIR_NOPM_2_20230618T195551_20230618T200328_C001 CS_OFFL_SIR_NOPM_2_20230618T195551_20230618T200328_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T200328_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T202713_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T211118_C001 CS_OFFL_SIR_NOPM_2_20230618T2053_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T213552_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T213552_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212552_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212552_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212552_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212546_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212552_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T210552_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T210552_C001	•
and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have set for one or more records CS_OFFL_SIR_NOPM_2_20230618T192329_20230618T193357_CO01 CS_OFFL_SIR_NOPM_2_20230618T195050_20230618T195542_CO01 CS_OFFL_SIR_NOPM_2_20230618T195551_20230618T200328_CO01 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T200328_CO01 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T2011118_CO01 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T2011118_CO01 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T20113552_CO01 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T20113552_CO01 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T20113552_CO01 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T20113552_CO01 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T20113552_CO01 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T211118_CO01 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T211118_CO01 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T211118_CO01 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212246_CO01 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T213552_CO01 CS_OFFL_SIR_NOPM_2_20230618T213017_20230618T213552_CO01 CS_OFFL_SIR_NOPM_2_20230618T213552_CO01 CS_OFFL_SIR_NOPM_2_20230618T213552_CO01 CS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_CO01 CS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_CO01 CS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_CO01 CS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_CO01 CS_OFFL_SIR_NOPM_2_20230618T214548_20230618T2115840_CO01 CS_OFFL_SIR_NOPM_2_202	n set
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records CS_OFFL_SIR_NOPM_2_20230618T19550_20230618T195542_C001 CS_OFFL_SIR_NOPM_2_20230618T195551_20230618T200328_C001 CS_OFFL_SIR_NOPM_2_20230618T20353_20230618T200328_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T200328_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T200358_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T200358_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T200358_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T200358_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T211118_C001 CS_OFFL_SIR_NOPM_2_20230618T204005_20230618T211118_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T21053_20230618T2123552_C001 CS_OFFL_SIR_NOPM_2_20230618T213017_20230618T213552_C001 And Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range and	
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Set for one or more records CS_OFFL_SIR_NOPM_2_20230618T195551_20230618T200328_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T200328_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T200318_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T202713_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T201118_C001 CS_OFFL_SIR_NOPM_2_20230618T204005_20230618T211118_C001 CS_OFFL_SIR_NOPM_2_20230618T204005_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T212053_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T212053_20230618T213552_C001 CS_OFFL_SIR_NOPM_2_20230618T213017_20230618T213552_C001 CS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_C001 Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have befor one or more records The Ocean Altimeter Range and Backscatter Quality Flags have befor one or more records The Ocean Altimeter Range and Backscatter Quality Flags have befor one or more records The OCOG Altimeter Range and Backscatter Quality Flags have befor one or more records The OCOG Altimeter Range and Backscatter Quality Flags have befor one or more records The OCOG Altimeter Range and Backscatter Quality Flags have befor one or more records The OCOG Altimeter Range and Backscatter Quality Flags have befor one or more records The OCOG Altimeter Range and Backscatter Quality Flags have befor one or more records The OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records The OCOG Altimeter Range and Backscatter Quality Fl	
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T202713_C001 CS_OFFL_SIR_NOPM_2_20230618T200353_20230618T202713_C001 CS_OFFL_SIR_NOPM_2_20230618T204005_20230618T211118_C001 CS_OFFL_SIR_NOPM_2_20230618T204005_20230618T211118_C001 CS_OFFL_SIR_NOPM_2_20230618T212053_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T212053_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T213017_20230618T213552_C001 CS_OFFL_SIR_NOPM_2_20230618T213017_20230618T213552_C001 CS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_C001 and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records CCS_OFFL_SIR_NOPM_2_20230618T212053_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T213017_20230618T213552_C001 CS_OFFL_SIR_NOPM_2_20230618T213017_20230618T215840_C001 Altimeter Range Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records CCS_OFFL_SIR_NOPM_2_20230618T213017_20230618T215840_C001 CCS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_C001 CCS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_C001 CCS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_C001 CCS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_C001 CCS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_C001 CCS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_C001	
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records CS_OFFL_SIR_NOPM_2_20230618T204005_20230618T211118_C001 CS_OFFL_SIR_NOPM_2_20230618T212053_20230618T211118_C001 CS_OFFL_SIR_NOPM_2_20230618T212053_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T212053_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T213017_20230618T213552_C001 CS_OFFL_SIR_NOPM_2_20230618T213017_20230618T213552_C001 CS_OFFL_SIR_NOPM_2_20230618T213017_20230618T215840_C001 CS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_C001 And Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been for one or more records Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocoan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records	
CS_OFFL_SIR_NOPM_2_20230618T204005_20230618T211118_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality CS_OFFL_SIR_NOPM_2_20230618T212053_20230618T212246_C001 CS_OFFL_SIR_NOPM_2_20230618T213017_20230618T213552_C001 CS_OFFL_SIR_NOPM_2_20230618T213017_20230618T213552_C001 CS_OFFL_SIR_NOPM_2_20230618T213017_20230618T213552_C001 CS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_C001 Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_C001 Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	
Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have and Backscatter Quality Flags have set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have and B	
CS_OFFL_SIR_NOPM_2_20230618T213017_20230618T213552_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records	n set
CS_OFFL_SIR_NOPM_2_20230618T214548_20230618T215840_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have	
CS_OFFL_SIR_NOPM_2_20230618T221448_20230618T221850_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been for one or more records	n set
CS_OFFL_SIR_NOPM_2_20230618T222038_20230618T222609_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records	
CS_OFFL_SIR_NOPM_2_20230618T222702_20230618T223551_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality I and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records	
CS_OFFL_SIR_NOPM_2_20230618T224211_20230618T225319_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality I and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records	
CS_OFFL_SIR_NOPM_2_20230618T230938_20230618T231545_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality I and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records	
CS_OFFL_SIR_NOPM_2_20230618T231654_20230618T232339_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have altimeter Range and Backscatter Quality Flags have set for one or more records	
CS_OFFL_SIR_NOPM_2_20230618T232519_20230618T234049_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records	
CS_OFFL_SIR_NOPN_2_20230618T004557_20230618T004805_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality I and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records	
CS_OFFL_SIR_NOPN_2_20230618T013012_20230618T013026_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been for one or more records	n set

CS_OFFL_SIR_NOPN_2_20230618T071457_20230618T071703_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T135319_20230618T135359_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T172735_20230618T172940_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T221851_20230618T222016_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20230617T235911_20230618T000009_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20230618T120044_20230618T120117_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH 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_20230618T123938_20230618T123940_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_20230618T125734_20230618T125855_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20230618T153821_20230618T153842_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_20230618T220615_20230618T220636_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

L2 Quality Flags (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.

99

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20230618T002404_20230618T002741_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_20230618T004325_20230618T004549_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_20230618T004557_20230618T004805_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_20230618T005123_20230618T005246_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_20230618T013012_20230618T013026_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_20230618T013617_20230618T013838_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_20230618T021734_20230618T021916_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_20230618T022321_20230618T022748_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_20230618T022829_20230618T022951_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_20230618T030838_20230618T031010_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_20230618T040129_20230618T040227_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_20230618T040529_20230618T040917_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_20230618T044543_20230618T044921_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_20230618T053304_20230618T063358_C001 CS_OFFL_SIR_NOPN_2_20230618T054341_20230618T064843_C001 CS_OFFL_SIR_NOPN_2_20230618T054431_20230618T064843_C001 CS_OFFL_SIR_NOPN_2_20230618T054651_20230618T064843_C001 CS_OFFL_SIR_NOPN_2_20230618T054651_20230618T064843_C001 CS_OFFL_SIR_NOPN_2_20230618T064651_20230618T064843_C001 CS_OFFL_SIR_NOPN_2_20230618T064651_20230618T064843_C001 CS_OFFL_SIR_NOPN_2_20230618T064651_20230618T064843_C001 CS_OFFL_SIR_NOPN_2_20230618T064651_20230618T064843_C001 CS_OFFL_SIR_NOPN_2_20230618T064652_20230618T068637_C001 CS_OFFL_SIR_NOPN_2_20230618T066525_20230618T066637_C001 CS_OFFL_SIR_NOPN_2_20230618T066525_20230618T086600_C001 CS_OFFL_SIR_NOPN_2_20230618T066525_20230618T086600_C001 CS_OFFL_SIR_NOPN_2_20230618T064849_20230618T086500_C001 CS_OFFL_SIR_NOPN_2_20230618T064849_20230618T085136_C001 CS_OFFL_SIR_NOPN_2_20230618T064849_20230618T085136_C001 CS_OFFL_SIR_NOPN_2_20230618T064849_20230618T085136_C001 CS_OFFL_SIR_NOPN_2_20230618T064849_20230618T085136_C001 CS_OFFL_SIR_NOPN_2_20230618T064849_20230618T0845136_C001 CS_OFFL_SIR_NOPN_2_20230618T064849_20230618T0845136_C001 CS_OFFL_SIR_NOPN_2_20230618T064849_20230618T0845136_C001 CS_OFFL_SIR_NOPN_2_20230618T064849_20230618T0845136_C001 CS_OFFL_SIR_NOPN_2_20230618T064849_20230618T0845136_C001 CS_OFFL_SIR_NOPN_2_20230618T108239_20230618T108356_C001 CS_OFFL_SIR_NOPN_2_20230618T108486_20230618T108456_C001 CS_OFFL_SIR_NOPN_2_20230618T108486_20230618T108456_C001 CS_OFFL_SIR_NOPN_2_20230618T108486_20230618T108456_C001 CS_OFFL_SIR_NOPN_2_20230618T108486_20230618T108456_C001 CS_OFFL_SIR_NOPN_2_20230618T108486_20230618T108456_C001 CS_OFFL_SIR_NOPN_2_20230618T108486_20230618T108456_C001 CS_OFFL_SIR_NOPN_2_20230618T108486_20230618T108456_C001 CS_OFFL_SIR_NOPN_2_20230618T108486_20230618T108456_C001 CS_OFFL_SIR_NOPN_2_20230618T108486_20230618T108456_C001 CS_OFFL_SIR_NOPN_2_20230618T114856_20230618T114856_C001 CS_OFFL_SIR_NOPN_2_20230618T114856_20230618T114856_C001 CS_OFFL_SIR_NOPN_2_20230618T114856_20230618T11	CS_OFFL_SIR_NOPN_2_20230618T053304_20230618T053358_C001 CS_OFFL_SIR_NOPN_2_20230618T054431_20230618T054605_C001 CS_OFFL_SIR_NOPN_2_20230618T054651_20230618T054843_C001 CS_OFFL_SIR_NOPN_2_20230618T063338_20230618T063504_C001 CS_OFFL_SIR_NOPN_2_20230618T065525_20230618T065837_C001 CS_OFFL_SIR_NOPN_2_20230618T071457_20230618T071703_C001 CS_OFFL_SIR_NOPN_2_20230618T080221_20230618T080600_C001 CS_OFFL_SIR_NOPN_2_20230618T080221_20230618T080600_C001	Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH	The Ocean Altimeter 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 OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter 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 OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH 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_20230618T063304_20230618T063358_C001 CS_OFFL_SIR_NOPN_2_20230618T064431_20230618T064605_C001 CS_OFFL_SIR_NOPN_2_20230618T06451_20230618T064605_C001 CS_OFFL_SIR_NOPN_2_20230618T064651_20230618T064645_C001 CS_OFFL_SIR_NOPN_2_20230618T064651_20230618T064645_C001 CS_OFFL_SIR_NOPN_2_20230618T064651_20230618T064645_C001 CS_OFFL_SIR_NOPN_2_20230618T064651_20230618T064645_C001 CS_OFFL_SIR_NOPN_2_20230618T064651_20230618T064645_C001 CS_OFFL_SIR_NOPN_2_20230618T064651_20230618T064645_C001 CS_OFFL_SIR_NOPN_2_20230618T064652_C001 CS_OFFL_SIR_NOPN_2_20230618T064652_C001 CS_OFFL_SIR_NOPN_2_20230618T064652_C001 CS_OFFL_SIR_NOPN_2_20230618T064652_C001 CS_OFFL_SIR_NOPN_2_20230618T064652_C001 CS_OFFL_SIR_NOPN_2_20230618T064652_C001 CS_OFFL_SIR_NOPN_2_20230618T0665637_C001 CS_OFFL_SIR_NOPN_2_20230618T071457_20230618T071703_C001 CS_OFFL_SIR_NOPN_2_20230618T0666667_C001 CS_OFFL_SIR_NOPN_2_20230618T066667_C001 CS_OFFL_SIR_NOPN_2_20230618T066667_C001 CS_OFFL_SIR_NOPN_2_20230618T066667_C001 CS_OFFL_SIR_NOPN_2_20230618T066667_C001 CS_OFFL_SIR_NOPN_2_20230618T066667_C001 CS_OFFL_SIR_NOPN_2_20230618T066667_C001 CS_OFFL_SIR_NOPN_2_20230618T066667_C001 CS_OFFL_SIR_NOPN_2_20230618T1066667_C001 CS_OFFL_SIR_NOPN_2_20230618T1066667_C001 CS_OFFL_SIR_NOPN_2_20230618T1066667_C001 CS_OFFL_SIR_NOPN_2_20230618T1066667_C001 CS_OFFL_SIR_NOPN_2_20230618T1066667_C001 CS_OFFL_SIR_NOPN_2_20230618T1066667_C001 CS_OFFL_SIR_NOPN_2_20230618T106667_C001 CS_OFFL_SIR_NOPN_2_20230618T1066667_C001 CS_OFFL_SIR_NOPN_2_20230618T106667_C001 CS_OFFL_SIR_NOPN_2_20230618T106667_C001 CS_OFFL_SIR_NOPN_2_20230618T1066667_C001 CS_OFFL_SIR_NOPN_2_2023	CS_OFFL_SIR_NOPN_2_20230618T054431_20230618T054605_C001 CS_OFFL_SIR_NOPN_2_20230618T054651_20230618T054843_C001 CS_OFFL_SIR_NOPN_2_20230618T063338_20230618T063504_C001 CS_OFFL_SIR_NOPN_2_20230618T065525_20230618T065837_C001 CS_OFFL_SIR_NOPN_2_20230618T071457_20230618T071703_C001 CS_OFFL_SIR_NOPN_2_20230618T080221_20230618T080600_C001 CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter 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 OCOG 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
OCOG Bankscatter Quality PLRM.	CS_OFFL_SIR_NOPN_2_20230618T054651_20230618T054843_C001 CS_OFFL_SIR_NOPN_2_20230618T063338_20230618T063504_C001 CS_OFFL_SIR_NOPN_2_20230618T065525_20230618T065837_C001 CS_OFFL_SIR_NOPN_2_20230618T071457_20230618T071703_C001 CS_OFFL_SIR_NOPN_2_20230618T080221_20230618T080600_C001 CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001	OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality OCOG Altimeter Range Quality Ocean Altimeter Range, SSHA, SWH	more records The OCOG 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 The OCOG 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 The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_NOPN_2_20230618T063388_20230618T063504_C001 CS_OFFL_SIR_NOPN_2_20230618T063388_20230618T063504_C001 CS_OFFL_SIR_NOPN_2_20230618T065529_20230618T065504_C001 CS_OFFL_SIR_NOPN_2_20230618T065529_20230618T065504_C001 CS_OFFL_SIR_NOPN_2_20230618T065529_20230618T071703_C001 CS_OFFL_SIR_NOPN_2_20230618T071457_20230618T071703_C001 CS_OFFL_SIR_NOPN_2_20230618T080600_C001 CS_OFFL_SIR_NOPN_2_20230618T1080600_C001 CS_OFFL_SIR_NOPN_2_20230618T11080600_C001 CS_OFFL_SIR_NOPN_2_20230618T11080600000000000000000000000000000	CS_OFFL_SIR_NOPN_2_20230618T063338_20230618T063504_C001 CS_OFFL_SIR_NOPN_2_20230618T065525_20230618T065837_C001 CS_OFFL_SIR_NOPN_2_20230618T071457_20230618T071703_C001 CS_OFFL_SIR_NOPN_2_20230618T080221_20230618T080600_C001 CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality	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 The OCOG 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 The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_NOPN_2_20230618T063338_20230618T065854_C001 CS_OFFL_SIR_NOPN_2_20230618T065525_20230618T065837_C001 CS_OFFL_SIR_NOPN_2_20230618T065525_20230618T071703_C001 CS_OFFL_SIR_NOPN_2_20230618T071457_20230618T071703_C001 CS_OFFL_SIR_NOPN_2_20230618T080221_20230618T080600_C001 CS_OFFL_SIR_NOPN_2_20230618T080221_20230618T080600_C001 CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001 CS_OFFL_SIR_NOPN_2_20230618T103239_20230618T103536_C001 CS_OFFL_SIR_NOPN_2_20230618T104846_20230618T104941_C001 CS_OFFL_SIR_NOPN_2_20230618T104846_20230618T104941_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T113428_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T114255_20230618T114255_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T114255_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T11421_C001 CCCCA_Altimeter Range and Backscatter Quality PLRM. COCCA_Altimeter Range and Backscatter Quality Flags have been set for one or more records CCCCA_Altimeter Range and Backscatter Quality Flags have been set for one or more records CCCCA_Altimeter Range and Backscatter Quality Flags have been set for one or more records CCCCA_Altime	CS_OFFL_SIR_NOPN_2_20230618T065525_20230618T065837_C001 CS_OFFL_SIR_NOPN_2_20230618T071457_20230618T071703_C001 CS_OFFL_SIR_NOPN_2_20230618T080221_20230618T080600_C001 CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter 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 OCOG Range and Backscatter Quality Flags have been set for one or
OCG Backscatter Quality CS_OFFL_SIR_NOPN_2_20230618T071457_20230618T071703_C001 CS_OFFL_SIR_NOPN_2_20230618T080221_20230618T080600_C001 CS_OFFL_SIR_NOPN_2_20230618T080221_20230618T080600_C001 CS_OFFL_SIR_NOPN_2_20230618T080221_20230618T080600_C001 CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001 CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001 CS_OFFL_SIR_NOPN_2_20230618T103239_20230618T103536_C001 CS_OFFL_SIR_NOPN_2_20230618T103239_20230618T103536_C001 CS_OFFL_SIR_NOPN_2_20230618T104941_C001 CS_OFFL_SIR_NOPN_2_20230618T104941_C001 CS_OFFL_SIR_NOPN_2_20230618T104946_20230618T104941_C001 CS_OFFL_SIR_NOPN_2_20230618T104945_C0230618T11428_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T11428_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T11428_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T11428_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T11421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T11421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T11421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T11421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T11421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T11421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114425_001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114421_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T104041 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T104041 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T104041 CS_OFFL_SIR_NOPN_2_20230618T104041 CS_OFFL_SIR_NOPN_2_20230618T104041 CS_OFFL_SIR_NOPN_2_20230618T104041 CS_OFFL_SIR_NOPN_2_20230618T10404	CS_OFFL_SIR_NOPN_2_20230618T071457_20230618T071703_C001 CS_OFFL_SIR_NOPN_2_20230618T080221_20230618T080600_C001 CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH	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 The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_NOPN_2_20230618T071457_20230618T071703_C001 Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20230618T080221_20230618T080600_C001 CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001 CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001 CS_OFFL_SIR_NOPN_2_20230618T103239_20230618T103536_C001 CS_OFFL_SIR_NOPN_2_20230618T103239_20230618T103536_C001 CS_OFFL_SIR_NOPN_2_20230618T103239_20230618T103536_C001 CS_OFFL_SIR_NOPN_2_20230618T104846_20230618T104941_C001 CS_OFFL_SIR_NOPN_2_20230618T104846_20230618T104941_C001 CS_OFFL_SIR_NOPN_2_20230618T104846_20230618T104941_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T113428_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114755_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114755_C001 CS_OFFL_SIR_NOPN_2_20230618T1121005_20230618T1121421_C001 CS_OFFL_SIR_NOPN_2_20230618T112005_20230618T1121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T1121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_202306	CS_OFFL_SIR_NOPN_2_20230618T080221_20230618T080600_C001 CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001 CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001 CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001 CS_OFFL_SIR_NOPN_2_20230618T103239_20230618T103536_C001 CS_OFFL_SIR_NOPN_2_20230618T103239_20230618T103536_C001 CS_OFFL_SIR_NOPN_2_20230618T103239_20230618T103536_C001 CS_OFFL_SIR_NOPN_2_20230618T103239_20230618T104941_C001 CS_OFFL_SIR_NOPN_2_20230618T104846_20230618T104941_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T113428_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T114755_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114255_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T11205_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T11205_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T11205_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T1205_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T121205_20230618T121421_C001 CCCG_Altimeter Range, CSHA, SWH and Backscatter Quality Flags have been set for one or more records CCCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records CCCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records CCCG_Altimeter Range and Backscatter Quality Flags have been set for one	CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001	OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH	, ,
CS_OFFL_SIR_NOPN_2_20230618T094949_20230618T095136_C001 Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20230618T104846_20230618T104941_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T113428_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T113428_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114755_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114755_C001 CS_OFFL_SIR_NOPN_2_20230618T112105_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12105_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12105_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12105_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12105_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T1205_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T1205_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T1205_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T1205_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T1205_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T1205_20230618T120			
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM ocog Altimeter Range and Backscatter Quality PLRM ocog Backscatter Quality PLRM. CS_OFFL_SIR_NOPN_2_20230618T104846_20230618T104941_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T113428_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T113428_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T113428_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T114755_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T112421_C001 CS_OFFL_SIR_NOPN_2_20230618T112005_20230618T121212_C001 CS_OFFL_SIR_NOPN_2_20230618T121005_20230618T121212_C001 CS_OFFL_SIR_NOPN_2_20230618T121005_20230618T1212421_C001 CS_OFFL_SIR_NOPN_2_20230618T122052_20230618T1212421_C001 CS_OFFL_SIR_NOPN_2_20230618T122052_20230618T1212421_C001 CS_OFFL_SIR_NOPN_2_20230618T122052_20230618T1212421_C001 CS_OFFL_SIR_NOPN_2_20230618T122052_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T122052_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T122052_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T122052_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T122052_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T122052_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T121005_20230618T121421_C001	CS_OFFL_SIR_NOPN_2_20230618T103239_20230618T103536_C001	Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20230618T104846_20230618T10494I_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T113428_C001 CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T113428_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114755_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114755_C001 CS_OFFL_SIR_NOPN_2_20230618T112005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T12005_20230618T121421_C001 CS_OFFL_SIR_NOPN_3_20230618T12005_20230618T12000_C001 CS_OFFL_SIR_NOPN_3_20230618T12005_20230618T1200		and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T114755_C001 CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114755_C001 CS_OFFL_SIR_NOPN_2_20230618T121005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T121005_20230618T121421_C001 Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20230618T121005_20230618T121421_C001 CS_OFFL_SIR_NOPN_2_20230618T123052_20230618T123400_C001 CS_OFFL_SIR_NOPN_2_20230618T123052_20230618T123400_C001 CS_OFFL_SIR_NOPN_2_20230618T123052_20230618T123400_C001 The Occoa Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Occoa Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Occoa Altimeter Range and Backscatter Quality Flags have been set for one or more records The Occoa Altimeter Range and Backscatter Quality Flags have been set for one or more records The Occoa Altimeter Range and Backscatter Quality Flags have been set for one or more records The Occoa Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPN_2_20230618T104846_20230618T104941_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T112425_20230618T114/55_C001 OCOG Backscatter Quality OCean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM ocog Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20230618T121005_20230618T121421_C001 OCOG Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20230618T123052_20230618T123400_C001 OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPN_2_20230618T112818_20230618T113428_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T121005_20230618T121421_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20230618T123400_C001 CS_OFFL_SIR_NOPN_2_20230618T123400_C001 The Ocog Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20230618T123400_C001 The Ocog Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPN_2_20230618T114255_20230618T114755_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
	CS_OFFL_SIR_NOPN_2_20230618T121005_20230618T121421_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
	CS_OFFL_SIR_NOPN_2_20230618T123052_20230618T123400_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T125855_20230618T130125_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one of more records	CS_OFFL_SIR_NOPN_2_20230618T125855_20230618T130125_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T134652_20230618T134814_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one of more records	CS_OFFL_SIR_NOPN_2_20230618T134652_20230618T134814_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T134855_20230618T135244_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one of more records	CS_OFFL_SIR_NOPN_2_20230618T134855_20230618T135244_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T135319_20230618T135359_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean 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_NOPN_2_20230618T135319_20230618T135359_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20230618T140830_20230618T141210_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one of more records	CS_OFFL_SIR_NOPN_2_20230618T140830_20230618T141210_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T161812_20230618T161936_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one of more records	CS_OFFL_SIR_NOPN_2_20230618T161812_20230618T161936_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T162413_20230618T162415_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, more records	CS_OFFL_SIR_NOPN_2_20230618T162413_20230618T162415_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T162749_20230618T162904_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range and He OCOG Altimeter Range and Backscatter Quality PLRM The Ocean 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_NOPN_2_20230618T162749_20230618T162904_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20230618T170529_20230618T170701_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one of more records	CS_OFFL_SIR_NOPN_2_20230618T170529_20230618T170701_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T170736_20230618T170911_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one of more records			The OCOG Range and Backscatter Quality Flags have been set for one or more records
	CS_OFFL_SIR_NOPN_2_20230618T170736_20230618T170911_C001	and Backscatter Quality PLRM, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more people.

CS_OFFL_SIR_NOPN_2_20230618T172105_20230618T172227_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPN_2_20230618T180439_20230618T180747_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 I and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T191327_20230618T191655_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPN_2_20230618T203639_20230618T203646_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T211737_20230618T211811_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T220636_20230618T220814_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPN_2_20230618T224105_20230618T224210_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPN_2_20230618T225348_20230618T225939_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPN_2_20230618T230656_20230618T230835_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T235256_20230618T235507_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPN_2_20230618T235624_20230618T235852_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20230618T001450_20230618T001536_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20230618T001538_20230618T001745_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20230618T001747_20230618T002231_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20230618T002233_20230618T002304_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20230618T004805_20230618T004842_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20230618T021440_20230618T021703_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20230618T021916_20230618T022321_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20230618T030331_20230618T030543_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20230618T040227_20230618T040529_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20230618T044208_20230618T044543_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20230618T051159_20230618T051301_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20230618T051303_20230618T051418_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20230618T053644_20230618T054431_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20230618T054606_20230618T054651_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20230618T071340_20230618T071457_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records

CS_OFFL_SIR_NOPR_2_20230618T071703_20230618T072427_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20230618T072429_20230618T072618_C001	PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20230618T080023_20230618T080221_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20230618T084330_20230618T084347_C001	PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20230618T085621_20230618T090334_C001	PLRM 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_20230618T095137_20230618T095832_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_20230618T103046_20230618T103143_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_20230618T103536_20230618T104058_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_20230618T110224_20230618T110408_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_20230618T113622_20230618T113930_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_20230618T114755_20230618T115035_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_20230618T120044_20230618T120117_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_20230618T123510_20230618T123935_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_20230618T123938_20230618T123940_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_20230618T135359_20230618T140121_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_20230618T140236_20230618T140358_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_20230618T143708_20230618T143834_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_20230618T144959_20230618T145213_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_20230618T152937_20230618T153648_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_20230618T154022_20230618T154137_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_20230618T162904_20230618T163210_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_20230618T171739_20230618T171833_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_20230618T172038_20230618T172104_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_20230618T172940_20230618T173017_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_20230618T175530_20230618T175752_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_20230618T180747_20230618T181130_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_20230618T193357_20230618T193736_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_20230618T203646_20230618T203913_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_20230618T211118_20230618T211737_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_20230618T213553_20230618T213633_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_20230618T223551_20230618T223805_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_20230618T231545_20230618T231654_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_20230618T232339_20230618T232519_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_20230618T234905_20230618T235256_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

L2 Quality Flags (1 Hz & 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:

205

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: 1

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	155	155	4	151	0
SIR_NOPR1B	133	133	0	133	0
SIR_NOPN1B	118	118	1	117	0
SIR_NOPM_2	155	155	100	55	0
SIR_NOPR_2	133	133	39	93	1
SIR NOPN 2	118	118	43	75	0

7.1 QCC Errors

Number of QCC reports with errors:

6

Total number of occurrences of each error

Product Type RLOBOPNCDF	RL	RL	RLOBOPNCDF	RL	RL	-	-	-	-	-
SIR_NOPR_2 1	1	1	1	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

1979

Total number of occurrences	of each	warning
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Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD
SIR_NOPM1B	151	0	0	0	0	0	0
SIR_NOPM_2	0	0	42	43	0	41	0
SIR_NOPN1B	116	0	0	0	0	0	0
SIR_NOPN_2	0	0	12	33	1	22	28
SIR_NOPR1B	130	0	0	0	0	0	0
SIR_NOPR_2	0	1	34	50	1	32	22

Product Type	RBSZOPOEPNCDF	RLPTONCDF	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCE	RPEPOPFDPLRMSINNCDI	RPEPOPFDSARNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	33	12	1	37	0	0	0
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	21	61	1	0	0	23	0
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	11	58	3	0	51	0	56

Product Type	RPEPOPFDSINNCDF	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	0	30	0	0	10	28	0
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	35	0	0	29	21	46	57
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	0	0	49	0	4	63	41

Product Type	RSSHAONCDF	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	6	38	0	5	0	0	0
SIR_NOPN1B	0	0	0	0	0	50	0
SIR_NOPN_2	34	29	30	12	0	0	0
SIR_NOPR1B	0	0	0	0	0	133	2
SIR NOPR 2	11	34	48	3	4	0	0

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					
RLPTONCDF	RangeLongPeriodTideOceanNetCDF	The Long period tide height should be between -50mm and 50mm (or missing) for surface type = ocean - NetCDF					
RNELPOTONCDF	RangeNELPOceanTideOceanNetCDF	The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean					
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees					
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees					
RPEPOPFDPLRMSINN CDF	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees					
RPEPOPFDSARNCDF	RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees					
RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees					
RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees					
RPEPOPSARNCDF	RangePeakinessExcludingPolarOPSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees					
RPEPOPSINNCDF	RangePeakinessExcludingPolarOPSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees					
RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean					
RSSHAOFDNCDF	RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean					
RSSHAOFDPLRMNCD F	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean					
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean					
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees					
RSWHOEPFDPLRMNC DF	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees					
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees					
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample					
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter					
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter					

7.3 Missing QCC Reports

Number of products with missing QCC reports: