



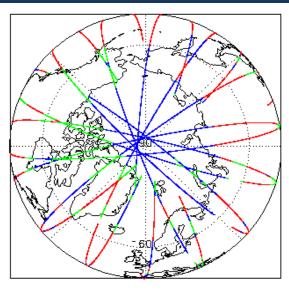
1. Overview

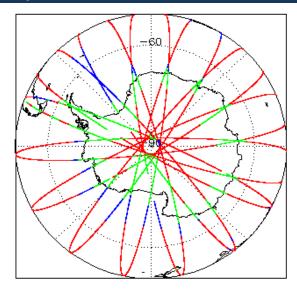
Report Production:	14-Feb-2022	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data	

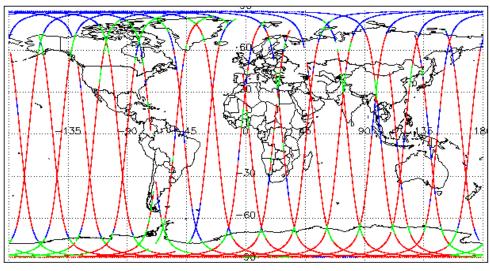
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 5.4
Measurement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

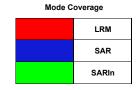
Missio	on / Instru	ment News
11-Fe	eb-2022	None
12-Fe	eb-2022	None
13-Fe	eb-2022	Nothing planned

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A
Star Tracker(s) in use:	Star Tracker 1

4. NOP Level 1B Data Quality Check

4.1 L1B Product Format Check

4.2 L1B Product Header Analysis

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

> L1B Processing Quality HR: The I1b_proc_flag_hr flag is currently set all L1B NOPR and NOPN products because the I1b_processing_quality_hr field is not correctly configured in the OSAR and OSARIn chains. A modification is required in the next release.

Number of products with errors:

4.3 L1B Auxilary Data File Usage Check

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

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

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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2

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_20220212T052750_20220212T052936_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20220212T192608_20220212T192725_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:

16

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Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20220212T000345_20220212T000509_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20220212T033843_20220212T040627_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20220212T112604_20220212T114103_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20220212T224753_20220212T225712_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220212T042648_20220212T043127_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220212T054520_20220212T054717_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220212T105405_20220212T105654_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220212T114938_20220212T115544_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220212T121813_20220212T121936_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220212T123118_20220212T123538_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220212T172644_20220212T172818_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220212T223444_20220212T223606_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220212T224024_20220212T224133_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220212T073822_20220212T074823_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220212T105654_20220212T110414_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220212T205810_20220212T210032_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:

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.

Number of products with errors:

39

Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20220212T000156_20220212T000345_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_NOPN_2_20220212T000722_20220212T001054_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_20220212T010443_20220212T010708_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_20220212T010713_20220212T010930_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_20220212T014730_20220212T014919_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_20220212T015736_20220212T015957_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_20220212T024442_20220212T024908_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_20220212T042648_20220212T043127_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_20220212T050705_20220212T051042_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_20220212T064627_20220212T064946_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_20220212T073713_20220212T073822_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_20220212T083403_20220212T083511_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_20220212T091626_20220212T091739_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_20220212T101108_20220212T101256_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_20220212T105405_20220212T105654_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_20220212T114938_20220212T115544_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_20220212T123118_20220212T123538_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_20220212T132014_20220212T132249_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_20220212T132914_20220212T133224_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_20220212T141012_20220212T141401_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_20220212T151002_20220212T151119_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_20220212T181914_20220212T182039_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_20220212T182559_20220212T182907_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_20220212T195858_20220212T200128_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_20220212T200500_20220212T200629_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_20220212T205612_20220212T205637_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220212T223444_20220212T223606_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20220212T231510_20220212T231952_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_20220212T003606_20220212T003929_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_20220212T005823_20220212T010442_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_20220212T024007_20220212T024442_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_20220212T041658_20220212T042648_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_20220212T055802_20220212T060549_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_20220212T073822_20220212T074823_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_20220212T091739_20220212T092452_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_20220212T105654_20220212T110414_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_20220212T123538_20220212T124257_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_20220212T141401_20220212T142239_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_20220212T155054_20220212T155834_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

2

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20220212T052750_20220212T052936_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_NOPM_2_20220212T192608_20220212T192725_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:

03

Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality set for one or more records OCOG Altimeter Range Quality, OCOG Backscatter Quality Set for one or more records OCOG Altimeter Range Quality, OCOG Backscatter Quality Set for one or more records OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Set for one or more records OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Set for one or more records OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Set for one or more records OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Set for one or more records OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Set for one or more records OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Set for one or more records OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Set for one or more records OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Set for one or more records OCOG Altimeter Range Quality, OCOG Backscatter Quality Set for one or more records	Flags have been set catter Quality Flags ality Flags have been catter Quality Flags ality Flags have been
Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_NOPM_2_20220212T002031_20220212T003606_C001 CS_OFFL_SIR_NOPM_2_20220212T002031_20220212T003606_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records OCEAN Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Set for one or more records	catter Quality Flags ality Flags have been catter Quality Flags ality Flags have been
CS_OFFL_SIR_NOPM_2_20220212T002031_20220212T003606_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Alt	ality Flags have been catter Quality Flags ality Flags have been
CS_OFFL_SIR_NOPM_2_20220212T011405_20220212T014654_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records CS_OFFL_SIR_NOPM_2_20220212T015148_20220212T015736_C001 CS_OFFL_SIR_NOPM_2_20220212T015148_20220212T015736_C001	ality Flags have been
	Flags have been set
CS_OFFL_SIR_NOPM_2_20220212T015957_20220212T022543_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records	
CS_OFFL_SIR_NOPM_2_20220212T025706_20220212T032535_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records	
CS_OFFL_SIR_NOPM_2_20220212T033130_20220212T033556_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality for one or more records	Flags have been set
CS_OFFL_SIR_NOPM_2_20220212T033843_20220212T040627_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records	
CS_OFFL_SIR_NOPM_2_20220212T043127_20220212T050442_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records	
CS_OFFL_SIR_NOPM_2_20220212T051042_20220212T051618_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality for one or more records	Flags have been set
CS_OFFL_SIR_NOPM_2_20220212T051741_20220212T052402_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records	
CS_OFFL_SIR_NOPM_2_20220212T055514_20220212T055643_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records	
CS_OFFL_SIR_NOPM_2_20220212T061004_20220212T064430_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records	

CS_OFFL_SIR_NOPM_2_20220212T064946_20220212T065458_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_20220212T065640_20220212T071642_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_20220212T074823_20220212T081048_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_20220212T081115_20220212T082215_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_20220212T082715_20220212T082947_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_20220212T083559_20220212T090453_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_20220212T090509_20220212T091224_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_20220212T091420_20220212T091626_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_20220212T092557_20220212T092600_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_20220212T093054_20220212T093923_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_20220212T094551_20220212T095708_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_20220212T095750_20220212T100148_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_20220212T100327_20220212T100846_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_20220212T100905_20220212T101108_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_20220212T101947_20220212T103221_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_20220212T103435_20220212T104622_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_20220212T104911_20220212T105044_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_20220212T110520_20220212T110526_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_20220212T111356_20220212T112328_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_20220212T112604_20220212T114103_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_20220212T114253_20220212T114758_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_20220212T114822_20220212T114938_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_20220212T115544_20220212T115600_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_20220212T115629_20220212T115730_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_20220212T121350_20220212T121513_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_20220212T121600_20220212T121813_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_20220212T121936_20220212T122325_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_20220212T130304_20220212T132014_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
CS_OFFL_SIR_NOPM_2_20220212T132249_20220212T132716_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_20220212T132722_20220212T132731_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_20220212T132737_20220212T132914_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_20220212T133313_20220212T135817_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_20220212T140931_20220212T141012_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_20220212T143337_20220212T145955_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_20220212T150110_20220212T150618_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_20220212T150637_20220212T151002_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_20220212T151221_20220212T154035_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_20220212T154200_20220212T154513_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_20220212T160854_20220212T161211_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_20220212T161213_20220212T163925_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_20220212T164058_20220212T164533_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_20220212T164535_20220212T164909_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_20220212T165138_20220212T172644_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_20220212T174000_20220212T174051_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_20220212T174742_20220212T174802_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_20220212T181035_20220212T181858_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_20220212T182039_20220212T182559_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_20220212T183128_20220212T185407_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_20220212T185653_20220212T190608_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_20220212T191827_20220212T192228_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_20220212T192943_20220212T193446_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_20220212T193816_20220212T194302_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

CO. OFF. SR. NORM 2. 2022012TR20128 2022012TR20128 2022012TR20129	CS_OFFL_SIR_NOPM_2_20220212T194450_20220212T195807_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
### CODO Affinishe Rays, 85H, 80H and Executive Quality Rays have been addressed to the control of the control	CS_OFFL_SIR_NOPM_2_20220212T200128_20220212T200500_C001		
one District Service of the Coope American Fragge and Residentian Caulty Flags have been administed fragge and Residentian Caulty Flags have been administed fragge and Residentian Caulty Flags from the Service of the Residentian Caulty Flags and Residentian Caulty Flags are been administed fragge and Residentian Caulty Flags are been administed fragge and Residentian Caulty Flags and Reside	CS_OFFL_SIR_NOPM_2_20220212T201052_20220212T201658_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Sell-port _ 287_NOPM_2_2022017171010_2022017171082_00001 One all failure filters pare of Sedenderin County Filters filters pare of Sedenderin County One all failure filters pare of Sedenderin County Filters filters pare of Sedenderin County One all filters	CS_OFFL_SIR_NOPM_2_20220212T201707_20220212T204301_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Leg. CPFL_SR_NOPM_2_20220217124098_202212712409_C0201171267_C001 CPFL_SR_NOPM_2_20220217124098_202212712409_C0201171267_C001 CPFL_SR_NOPM_2_20220217124098_20221271269_C001 CPFL_SR_NOPM_2_20220217120917_002017712667_C001 CPFL_SR_NOPM_2_20220217120917_002017712667_C001 CPFL_SR_NOPM_2_20220217120917_002017712667_C001 CPFL_SR_NOPM_2_20220217120917_002017712667_C001 CPFL_SR_NOPM_2_20220217120917_002017712667_C001 CPFL_SR_NOPM_2_20220217120917_002017712667_C001 CPFL_SR_NOPM_2_20220217122988_202212722998_C001 CPFL_SR_NOPM_2_20220217122988_202212722998_C001 CPFL_SR_NOPM_2_20220217122988_202212722988_C001 CPFL_SR_NOPM_2_20220217122988_202212722988_C001 CPFL_SR_NOPM_2_20220217122988_202212722988_C001 CPFL_SR_NOPM_2_20220217122988_202212722988_C001 CPFL_SR_NOPM_2_20220217122988_202212722988_C001 CPFL_SR_NOPM_2_20220217122988_202212722988_C001 CPFL_SR_NOPM_2_20220217122988_202212722988_C001 CPFL_SR_NOPM_2_20220217122988_202212722988_C001 CPFL_SR_NOPM_2_20220217122988_202212722988_C001 CPFL_SR_NOPM_2_20220217122988_20221272988_C001 CPFL_SR_NOPM_2_20220217122988_20221272988_C001 CPFL_SR_NOPM_2_20220217122988_20221272988_C001 CPFL_SR_NOPM_2_20220217122988_20221272988_C001 CPFL_SR_NOPM_2_20220217122988_20221272988_C001 CPFL_SR_NOPM_2_20220217122988_20221272988_C001 CPFL_SR_NOPM_2_2022021712988_20221272988_C001 CPFL_SR_NOPM_2_2022021712988_20221272988_C001	CS_OFFL_SIR_NOPM_2_20220212T210119_20220212T210832_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Segment Country Segment Coun	CS_OFFL_SIR_NOPM_2_20220212T210842_20220212T213239_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220217219039_20220217219039_COTS Amount Baskcaster Causity, COCG Amount Reapy, SSHA, SWH and Reaccaster Causity Flags have been self- common been sel	CS_OFFL_SIR_NOPM_2_20220212T214656_20220212T214842_C001		
CS_OFFL_SIR_NOPM_2_0220212T221908_022012T221908_02011 CS_OFFL_SIR_NOPM_2_0220212T221908_022012T221908_02011 CS_OFFL_SIR_NOPM_2_0220212T221908_022012T221908_02011 CS_OFFL_SIR_NOPM_2_0220212T222908_022012T222978_0011 OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records CS_OFFL_SIR_NOPM_2_0220212T22908_022012T229798_0011 OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality Flags have been set for one or none records OCCOR Alternier Range and Backscatter Quality	CS_OFFL_SIR_NOPM_2_20220212T215039_20220212T215657_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and the COGA Althreefer Range and Backscastler Quality Flags have been Althreefer Range and Backscastler Quality Flags have been set to come or more records CS_OFFL_SIR_NOPM_2_20220212T222832_20220212T22478_C001 CS_OFFL_SIR_NOPM_2_20220212T22832_20220212T22440_C001 CS_OFFL_SIR_NOPM_2_20220212T228438_20220212T22440_C001 CS_OFFL_SIR_NOPM_2_20220212T224438_20220212T22440_C001 CS_OFFL_SIR_NOPM_2_20220212T224438_20220212T22440_C001 CS_OFFL_SIR_NOPM_2_20220212T224438_20220212T22440_C001 CS_OFFL_SIR_NOPM_2_20220212T224438_20220212T22440_C001 CS_OFFL_SIR_NOPM_2_20220212T224438_20220212T22440_C001 CS_OFFL_SIR_NOPM_2_20220212T22453_20220212T22440_C001 CS_OFFL_SIR_NOPM_2_20220212T22453_20220212T224470_C001 CS_OFFL_SIR_NOPM_2_20220212T22453_20220212T22470_C001 CS_OFFL_SIR_NOPM_2_20220212T22453_20220212T22470_C001 CS_OFFL_SIR_NOPM_2_20220212T22453_20220212T225710_C001 CS_OFFL_SIR_NOPM_2_20220212T23032_20220212T231510_C001 CS_OFFL_SIR_NOPM_2_20220212T23032_20220212T231510_C001 CS_OFFL_SIR_NOPM_2_20220212T2305_20220212T23310_C001 CS_OFFL_SIR_NOPM_2_20220212T2305_20220212T23310_C001 CS_OFFL_SIR_NOPM_2_20220212T2305_20220212T23310_C001 CS_OFFL_SIR_NOPM_2_20220212T2305_20220212T23310_C001 CS_OFFL_SIR_NOPM_2_20220212T2335_20220212T23310_C001 CS_OFFL_SIR_NOPM_2_20220212T2335_20220212T23310_C001 CS_OFFL_SIR_NOPM_2_20220212T2335_20220212T23310_C001 CS_OFFL_SIR_NOPM_2_20220212T2335_20220212T23310_C001 CS_OFFL_SIR_NOPM_2_20220212T2335_20220212T23310_C001 CS_OFFL_SIR_NOPM_2_20220212T2335_20220212T23310_C001 CS_OFFL_SIR_NOPM_2_20220212T2335_20220212T23310_C001 CS_OFFL_SIR_NOPM_2_20220212T2335_20220212T23310_C001 CS_OFFL_SIR_NOPM_2_20220212T2335_20220212T23310_C001 CS_OFFL_SIR_NOPM_2_20220212T2335_20220212T23310010_C001 CS_OFFL_SIR_NOPM_2_20220212T2335_20220212T23310010_C001 CS_OFFL_SIR_NOPM_2_20220212T2335_20220212T23310010_C001 CS_OFFL_SIR_NOPM_2_20220212T000510_20220212T000510_C001 CS_OFFL_SIR_NOPM_2_20220212T000510_20220212T000510_C001 CS_OFFL_SIR_NOPM_2_20220212T000510_20220212T000520_C001 CCS_OFFL	CS_OFFL_SIR_NOPM_2_20220212T220617_20220212T220828_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscalter Quality CS_OFFL_SIR_NOPM_2_20220212T224038_20220212T224429_0011 CS_OFFL_SIR_NOPM_2_20220212T224138_20220212T224429_0011 CS_OFFL_SIR_NOPM_2_20220212T224138_20220212T22429_0011 CS_OFFL_SIR_NOPM_2_20220212T224527_20220212T224729_0011 CS_OFFL_SIR_NOPM_2_20220212T224527_20220212T224729_0011 CS_OFFL_SIR_NOPM_2_20220212T224527_20220212T224729_0011 CS_OFFL_SIR_NOPM_2_20220212T224527_20220212T224729_0011 CS_OFFL_SIR_NOPM_2_20220212T224537_20220212T225712_0011 CS_OFFL_SIR_NOPM_2_20220212T225753_20220212T225712_0011 CS_OFFL_SIR_NOPM_2_20220212T225552_0220212T23516_0011 CS_OFFL_SIR_NOPM_2_20220212T23353_20220212T23516_0011 CS_OFFL_SIR_NOPM_2_20220212T23353_20220212T23516_0011 CS_OFFL_SIR_NOPM_2_20220212T23355_20220212T23516_0011 CS_OFFL_SIR_NOPM_2_20220212T23355_20220212T23516_0011 CS_OFFL_SIR_NOPM_2_20220212T23355_20220212T23516_0011 CS_OFFL_SIR_NOPM_2_20220212T23355_20220212T23516_0011 CS_OFFL_SIR_NOPM_2_20220212T23355_20220212T233764_0011 CS_OFFL_SIR_NOPM_2_20220212T23355_20220212T23356_0011 CS_OFFL_SIR_NOPM_2_20220212T23355_20220212T23366_0011 CS_OFFL_SIR_NOPM_2_20220212T23355_20220212T23366_0011 CS_OFFL_SIR_NOPM_2_20220212T23355_20220212T23366_0011 CS_OFFL_SIR_NOPM_2_20220212T23355_20220212T23366_0011 CS_OFFL_SIR_NOPM_2_20220212T23355_20220212T23366_0011 CS_OFFL_SIR_NOPM_2_20220212T234637_20220217T23465_0011 CS_OFFL_SIR_NOPM_2_20220212T234637_20220217T23465_0011 CS_OFFL_SIR_NOPM_2_20220212T234637_20220217T006611_0011 CS_OFFL_SIR_NOPM_2_20220212T234637_20220217T006611_0011 CS_OFFL_SIR_NOPM_2_20220212T234637_20220217T006611_0011 CS_OFFL_SIR_NOPM_2_20220212T234637_20220217T006611_0011 CS_OFFL_SIR_NOPM_2_20220212T234637_20220217T006611_0011 CS_OFFL_SIR_NOPM_2_20220212T234637_20220217T006611_0011 CS_OFFL_SIR_NOPM_2_20220212T234637_20220217T006611_0011 CS_OFFL_SIR_NOPM_2_20220212T234637_20220217T006611_0011 CS_OFFL_SIR_NOPM_2_20220212T234637_20220217T006611_0011 CS_OFFL_SIR_NOPM_2_20220212T0466011_0011 CC_OGA Alimeter Range SIMA_SWM and Backscatter Quality Flags have been se	CS_OFFL_SIR_NOPM_2_20220212T221308_20220212T221936_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_NOPM_2_20220212T224138_20220212T224429_C001 CS_OFFL_SIR_NOPM_2_20220212T224527_20220212T224529_C001 CS_OFFL_SIR_NOPM_2_20220212T224527_20220212T224729_C001 CS_OFFL_SIR_NOPM_2_20220212T224573_20220212T225712_C001 CS_OFFL_SIR_NOPM_2_20220212T224573_20220212T225712_C001 CS_OFFL_SIR_NOPM_2_20220212T224573_20220212T235150_C001 CS_OFFL_SIR_NOPM_2_20220212T2230332_20220212T235150_C001 CS_OFFL_SIR_NOPM_2_20220212T230332_20220212T233704_C001 CS_OFFL_SIR_NOPM_2_20220212T232553_20220212T233704_C001 CS_OFFL_SIR_NOPM_2_20220212T232553_20220212T233704_C001 CS_OFFL_SIR_NOPM_2_20220212T233758_20220212T233704_C001 CS_OFFL_SIR_NOPM_2_20220212T234653_20220212T233704_C001 CS_OFFL_SIR_NOPM_2_20220212T234653_20220212T233704_C001 CS_OFFL_SIR_NOPM_2_20220212T234653_20220212T234457_C001 CS_OFFL_SIR_NOPM_2_20220212T234653_20220212T23455_C001 CS_OFFL_SIR_NOPM_2_20220212T234653_20220212T23455_C001 CS_OFFL_SIR_NOPM_2_20220212T234653_20220212T23455_C001 CS_OFFL_SIR_NOPM_2_20220212T234653_20220212T23455_C001 CS_OFFL_SIR_NOPM_2_20220212T234653_20220212T23455_C001 CS_OFFL_SIR_NOPM_2_20220212T234653_20220212T23455_C001 CCS_OFFL_SIR_NOPM_2_20220212T234653_20220212T23455_C001 CCS_OFFL_SIR_NOPM_2_20220212T046573_20220212T03465_C001 CCS_OFFL_SIR_NOPM_2_20220212T046573_20220212T03465_C001 CCS_OFFL_SIR_NOPM_2_20220212T03455_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C0020511_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C0020511_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C0020511_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C0020511_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C0020511_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C0020511_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C0020511_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C001 CCS_OFFL_SIR_NOPM_2_20220212T03457_C001	CS_OFFL_SIR_NOPM_2_20220212T222632_20220212T222736_C001		
CS_OFFL_SIR_NOPM_2_20220212T224527_2022012T224479_C001 CS_OFFL_SIR_NOPM_2_20220212T224527_2022012T22479_C001 CS_OFFL_SIR_NOPM_2_20220212T224573_20220212T225712_C001 CS_OFFL_SIR_NOPM_2_20220212T224573_20220212T225712_C001 CS_OFFL_SIR_NOPM_2_20220212T224733_20220212T225712_C001 CS_OFFL_SIR_NOPM_2_20220212T230332_20220212T2331510_C001 CS_OFFL_SIR_NOPM_2_20220212T230332_20220212T2331510_C001 CS_OFFL_SIR_NOPM_2_20220212T230332_20220212T233540_C001 CS_OFFL_SIR_NOPM_2_20220212T232553_20220212T233740_C001 CS_OFFL_SIR_NOPM_2_20220212T232553_20220212T233740_C001 CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T233764_C001 CS_OFFL_SIR_NOPM_2_20220212T233754_C001 CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T000120_C001 CS_OFFL_SIR_NOPM_2_20220212T005510_2022012T000510_C001 CS_OFFL_SIR_NOPM_2_20220212T005510_2022012T000510_C001 CS_OFFL_SIR_NOPM_2_20220212T005510_2022012T005501_C001 CS_OFFL_SIR_NOPM_2_20220212T0055732_2022012T055801_C001 CC_OCA Alimeter Range Quality, COCG Backscatter Quality Flags have been set for one or more records CC_OCA Alimeter Range and Backscatter Quality Flags have been set for one or more records CC_OCA Alimeter Range Quality, COCG Backscatter Quality Flags have been set for one or more records CC_OCA Alimeter Range Quality, COCG Backscatter Quality Flags have been set for one or more records CC_OCA Alimeter Ran	CS_OFFL_SIR_NOPM_2_20220212T223606_20220212T224024_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range, SSHA, SWH and Backscatter Quality COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimete	CS_OFFL_SIR_NOPM_2_20220212T224138_20220212T224429_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, COCG Allimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220212T23353_20220212T233510_C001 CS_OFFL_SIR_NOPM_2_20220212T232353_20220212T232816_C001 CS_OFFL_SIR_NOPM_2_20220212T232353_20220212T232816_C001 CS_OFFL_SIR_NOPM_2_20220212T232353_20220212T232816_C001 CS_OFFL_SIR_NOPM_2_20220212T232955_20220212T233704_C001 CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T233704_C001 CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T233704_C001 CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T233704_C001 CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T233704_C001 CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T234457_C001 CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T234457_C001 CS_OFFL_SIR_NOPM_2_20220212T234637_20220213T000120_C001 CS_OFFL_SIR_NOPM_2_20220212T234637_20220213T000120_C001 CS_OFFL_SIR_NOPM_2_20220212T234637_20220213T000120_C001 CS_OFFL_SIR_NOPM_2_20220212T203451_C00220212T000511_C001 CS_OFFL_SIR_NOPM_2_20220212T005732_20220212T003426_C001 CS_OFFL_SIR_NOPM_2_20220212T005732_20220212T003372_C001 CS_OFFL_SIR_NOPM_2_20220212T005732_20220212T003732_C001 CS_OFFL_SIR_NOPM_2_20220212T005732_20220212T003732_C001 CS_OFFL_SIR_NOPM_2_20220212T005732_20220212T003732	CS_OFFL_SIR_NOPM_2_20220212T224527_20220212T224729_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, COG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220212T232353_20220212T232816_CO01 CS_OFFL_SIR_NOPM_2_20220212T232955_20220212T233704_CO01 CS_OFFL_SIR_NOPM_2_20220212T232955_20220212T233704_CO01 CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T233704_CO01 CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T233750_CO01 CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T234457_CO01 CS_OFFL_SIR_NOPM_2_20220212T234637_20220212T000120_CO01 CS_OFFL_SIR_NOPM_2_20220212T234637_20220213T000120_CO01 CS_OFFL_SIR_NOPM_2_20220212T000510_20220212T000511_CO01 CS_OFFL_SIR_NOPM_2_20220212T000510_20220212T000511_CO01 CS_OFFL_SIR_NOPM_2_20220212T000510_20220212T000511_CO01 CS_OFFL_SIR_NOPM_2_20220212T000510_20220212T000510_CO02012T00051	CS_OFFL_SIR_NOPM_2_20220212T224753_20220212T225712_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_NOPM_2_20220212T232955_20220212T233704_C001 CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T234457_C001 CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T234457_C001 CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T234457_C001 CS_OFFL_SIR_NOPM_2_20220212T234637_20220212T00120_C001 CS_OFFL_SIR_NOPM_2_20220212T234637_20220213T000120_C001 CS_OFFL_SIR_NOPM_2_20220212T234637_20220213T000120_C001 CS_OFFL_SIR_NOPM_2_20220212T000510_20220212T000611_C001 CS_OFFL_SIR_NOPM_2_20220212T000510_20220212T000611_C001 CS_OFFL_SIR_NOPM_2_20220212T000510_20220212T000611_C001 CS_OFFL_SIR_NOPM_2_20220212T003410_20220212T003426_C001 CS_OFFL_SIR_NOPM_2_20220212T003410_20220212T003426_C001 CS_OFFL_SIR_NOPM_2_20220212T0055732_20220212T003570_C001 CS_OFFL_SIR_NOPM_2_20220212T00148_20220212T00327_C001 CS_OFFL_SIR_NOPM_2_20220212T00148_20220212T100327_C001 CS_OFFL_SIR_NOPM_2_20220212T00788_20220212T100327_C001 CS_OFFL_SIR_NOPM_2_20220212T00788_20220212T00713_C001 CS_OFFL_SIR_NOPM_2_20220212T00788_20220212T00713_C001 CS_OFFL_SIR_NOPM_2_20220212T00788_20220212T00713_C001 CS_OFFL_SIR_NOPM_2_20220212T00788_20220212T00773_C001 CS_OFFL_SIR_NOPM_2_20220212T00788_20220212T00773_C001 CS_OFFL_SIR_NOPM_2_20220212T00788_20220212T00773_C001 CS_OFFL_SIR_NOPM_2_20220212T00788_20220212T00773_C001 CS_OFFL_SIR_NOPM_2_20220212T00788_20220212T00773_C001 CS_OFFL_SIR_NOPM_2_20220212T00788_20220212T00773_C001 CS_OFFL_SIR_NOPM_2_20220212T00788_20220212T00773_C001 CCGG_Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220212T100788_20220212T00773_C001 CCGG_Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CCGG_Altimeter Range and Backscatter Quality Flags have been set for one or more records CCGG_Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20220212T230332_20220212T231510_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T234457_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality SIAR_NOPM_2_20220212T233759_20220212T234457_C001 CS_OFFL_SIR_NOPM_2_20220212T234557_20220212T234457_C001 CS_OFFL_SIR_NOPM_2_20220212T234637_20220213T000120_C001 CS_OFFL_SIR_NOPM_2_20220212T234637_20220213T000120_C001 CS_OFFL_SIR_NOPM_2_20220212T000510_20220212T000611_C001 CS_OFFL_SIR_NOPM_2_20220212T000510_20220212T000611_C001 CS_OFFL_SIR_NOPM_2_20220212T000510_20220212T000611_C001 CS_OFFL_SIR_NOPM_2_20220212T003410_20220212T023426_C001 CS_OFFL_SIR_NOPM_2_20220212T00148_20220212T055801_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T1001713_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T1001713_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T1001713_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T1001713_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T1001713_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T1001713_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPM_2_20220212T100148_20220212T1001713_C001 CS_OFFL_SIR_NOPM_2_20220212T10	CS_OFFL_SIR_NOPM_2_20220212T232353_20220212T232816_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality CS_OFFL_SIR_NOPM_2_20220212T234637_20220213T000120_C001 CS_OFFL_SIR_NOPM_2_20220212T000510_20220212T000611_C001 CS_OFFL_SIR_NOPN_2_20220212T000510_20220212T000611_C001 CS_OFFL_SIR_NOPN_2_20220212T000510_20220212T000611_C001 CS_OFFL_SIR_NOPN_2_20220212T023410_20220212T023426_C001 CS_OFFL_SIR_NOPN_2_20220212T023410_20220212T055801_C001 CS_OFFL_SIR_NOPN_2_20220212T055732_20220212T055801_C001 CS_OFFL_SIR_NOPN_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPN_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPN_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPR_2_20220212T010708_20220212T010713_C001 CS_OFFL_SIR_NOPR_2_20220212T010708_20220212T010713_C001 CS_OFFL_SIR_NOPR_2_20220212T100708_20220212T010713_C001 CS_OFFL_SIR_NOPR_2_20220212T100708_20220212T010713_C001 CS_OFFL_SIR_NOPR_2_20220212T100708_20220212T010713_C001 CS_OFFL_SIR_NOPR_2_20220212T100708_20220212T010713_C001 CS_OFFL_SIR_NOPR_2_20220212T100708_20220212T100713_C001 CS_OFFL_SIR_NOPR_2_20220212T100708_20220212T100708_20220212T100708_20220212T100708_20220212T100708_20220212T100708_20220212T100708_20220212T100708_2022021	CS_OFFL_SIR_NOPM_2_20220212T232955_20220212T233704_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality CS_OFFL_SIR_NOPN_2_20220212T000510_20220212T000611_C001 CS_OFFL_SIR_NOPN_2_20220212T000510_20220212T000611_C001 CS_OFFL_SIR_NOPN_2_20220212T000510_20220212T000611_C001 CS_OFFL_SIR_NOPN_2_20220212T023410_20220212T023426_C001 CS_OFFL_SIR_NOPN_2_20220212T023410_20220212T023426_C001 CS_OFFL_SIR_NOPN_2_20220212T055732_20220212T055801_C001 CS_OFFL_SIR_NOPN_2_20220212T055732_20220212T055801_C001 CS_OFFL_SIR_NOPN_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPN_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPN_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPR_2_20220212T100148_20220212T010713_C001 CS_OFFL_SIR_NOPR_2_20220212T100708_20220212T010713_C001 CS_OFFL_SIR_NOPR_2_20220212T010708_20220212T010713_C001 CS_OFFL_SIR_NOPR_2_20220212T010708_202	CS_OFFL_SIR_NOPM_2_20220212T233759_20220212T234457_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been CS_OFFL_SIR_NOPN_2_20220212T023410_20220212T023426_C001 CS_OFFL_SIR_NOPN_2_20220212T023410_20220212T023426_C001 CS_OFFL_SIR_NOPN_2_20220212T055732_20220212T055801_C001 CS_OFFL_SIR_NOPN_2_20220212T055732_20220212T055801_C001 CS_OFFL_SIR_NOPN_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPN_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPR_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPR_2_20220212T100708_20220212T00713_C001 CS_OFFL_SIR_NOPR_2_20220212T00708_20220212T00713_C001 COCOG_Altimeter Range Quality, OCOG_Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20220212T234637_20220213T000120_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20220212T055732_20220212T055801_C001 CS_OFFL_SIR_NOPN_2_20220212T055732_20220212T055801_C001 CS_OFFL_SIR_NOPN_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPN_2_20220212T100148_20220212T100327_C001 CS_OFFL_SIR_NOPR_2_20220212T010708_20220212T010713_C001 CS_OFFL_SIR_NOPR_2_20220212T010708_2020212T010713_C001 CS_OFFL_SIR_NOPR_2_20220212T010708_2020212T010713_C0	CS_OFFL_SIR_NOPN_2_20220212T000510_20220212T000611_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20220212T100148_20220212T100327_C001 Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records OCS_OFFL_SIR_NOPN_2_20220212T100148_20220212T100327_C001 OCOG Altimeter Range, SSHA, SWH 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 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPN_2_20220212T023410_20220212T023426_C001		
Backscatter Quality for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set of the OCOG Altimeter Range and Backscatter Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set occasion.	CS_OFFL_SIR_NOPN_2_20220212T055732_20220212T055801_C001		
CS_OFFL_SIR_NOPR_2_20220212T010708_20220212T010713_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range and Backscatter Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set occurred to the ocog Altimeter Range and Backscatter Quality Flags have been set occurred to the ocog Altimeter Range and Backscatter Quality Flags have been set occurred to the ocog Altimeter Range and Backscatter Quality Flags have been set occurred to the ocog Altimeter Range and Backscatter Quality Flags have been set occurred to the ocog Altimeter Range and Backscatter Quality Flags have been set occurred to the ocog Altimeter Range and Backscatter Quality Flags have been set occurred to the ocog Altimeter Range and Backscatter Quality Flags have been set occurred to the ocog Altimeter Range and Backscatter Quality Flags have been set occurred to the ocog Altimeter Range and Backscatter Quality Flags have been set occurred to the ocog Altimeter Range and Backscatter Quality Flags have been set occurred to the ocog Altimeter Range and Backscatter Quality Flags have been set occurred to the ocog Altimeter Range and Backscatter Quality Flags have been set occurred to the ocog Altimeter Range and Backscatter Quality Flags have been set occurred to the ocog Altimeter Range Quality Flags have been set occurred to the ocog Altimeter Range Quality Flags have been set occurred to the ocog Altimeter Range Quality Flags have been set occurred to the ocog Altimeter Range Quality Flags have been set occurred to the ocog Altimeter Range Quality Flags have been set occurred to the ocog Altimeter Range Quality Flags have been set occurred to the ocog Altimeter Range Quality Flags have been set occurred to the ocog Altimeter Range Quality Flags have been set occurred to the ocog Altimeter Range Quality Flags have been set occurred to the ocog Altimeter Range Quality Flags have been set occurred to the ocog Altimeter Range Quality Flags	CS_OFFL_SIR_NOPN_2_20220212T100148_20220212T100327_C001		
	CS_OFFL_SIR_NOPR_2_20220212T010708_20220212T010713_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_NOPR_2_20220212T160803_20220212T160854_C001		

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

L2 Quality Flags (20 Hz PLRM)

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

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

Product Test Failed Description OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or CS OFFL SIR NOPN 2 20220212T000156 20220212T000345 C001 OCOG Backscatter Quality more records Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been CS OFFL SIR NOPN 2 20220212T000722 20220212T001054 C001 Altimeter Range and Backscatter Quality set for one or more records PLRM OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or CS_OFFL_SIR_NOPN_2_20220212T001844_20220212T002031_C001 more records OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or CS_OFFL_SIR_NOPN_2_20220212T004526_20220212T004915_C001 OCOG Backscatter Quality more records OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or CS_OFFL_SIR_NOPN_2_20220212T010443_20220212T010708_C001 OCOG Backscatter Quality more records OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or CS OFFL SIR NOPN 2 20220212T010713 20220212T010930 C001 OCOG Backscatter Quality more records 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 and Backscatter Quality PLRM, OCOG CS_OFFL_SIR_NOPN_2_20220212T010957_20220212T011028_C001 Altimeter Range and Backscatter Quality set for one or more records OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or CS_OFFL_SIR_NOPN_2_20220212T022543_20220212T022924_C001 OCOG Backscatter Quality more records 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 and Backscatter Quality PLRM, OCOG CS_OFFL_SIR_NOPN_2_20220212T023934_20220212T024007_C001 Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG CS OFFL SIR NOPN 2 20220212T024442 20220212T024908 C001 and the OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or CS OFFL SIR NOPN 2 20220212T024948 20220212T025110 C001 OCOG Backscatter Quality more records OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or CS OFFL SIR NOPN 2 20220212T032957 20220212T033130 C001 OCOG Backscatter Quality more records OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or CS OFFL SIR NOPN 2 20220212T033556 20220212T033843 C001 OCOG Backscatter Quality more records 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 and Backscatter Quality PLRM, OCOG CS OFFL SIR NOPN 2 20220212T050705 20220212T051042 C001 Altimeter Range and Backscatter Quality et for one or more records Ocean Altimeter Range, SSHA, SWH e Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG CS OFFL SIR NOPN 2 20220212T051618 20220212T051733 C001 and the OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality set for one or more records PLRM OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or CS OFFL SIR NOPN 2 20220212T054804 20220212T054821 C001 OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or CS_OFFL_SIR_NOPN_2_20220212T055418_20220212T055514_C001 OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags CS OFFL SIR NOPN 2 20220212T060549 20220212T060725 C001 and the OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality set for one or more records PLRM OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or CS OFFL SIR NOPN 2 20220212T060816 20220212T061004 C001 OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or CS_OFFL_SIR_NOPN_2_20220212T071642_20220212T071956_C001 OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or CS_OFFL_SIR_NOPN_2_20220212T082341_20220212T082715_C001 OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or CS_OFFL_SIR_NOPN_2_20220212T091302_20220212T091420_C001

OCOG Backscatter Quality

more records

CS_OFFL_SIR_NOPN_2_20220212T091626_20220212T091739_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_20220212T101108_20220212T101256_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_20220212T105405_20220212T105654_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_20220212T111009_20220212T111356_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_20220212T114108_20220212T114225_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_20220212T114938_20220212T115544_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_20220212T123118_20220212T123538_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_20220212T132914_20220212T133224_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_20220212T140809_20220212T140931_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_20220212T141012_20220212T141401_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_20220212T151002_20220212T151119_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_20220212T160122_20220212T160140_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_20220212T163934_20220212T164058_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_20220212T164909_20220212T165023_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_20220212T174856_20220212T175059_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_20220212T180442_20220212T180548_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_20220212T193446_20220212T193816_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_20220212T195858_20220212T200128_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_20220212T200500_20220212T200629_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_20220212T204950_20220212T204959_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_20220212T205748_20220212T205810_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_20220212T213938_20220212T214033_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_20220212T214407_20220212T214656_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_20220212T214842_20220212T215031_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_20220212T223444_20220212T223606_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_20220212T224025_20220212T224133_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_20220212T231510_20220212T231952_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_20220212T003606_20220212T003929_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_20220212T005823_20220212T010442_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_20220212T010930_20220212T010957_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_20220212T011028_20220212T011242_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_20220212T023600_20220212T023820_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_20220212T023836_20220212T023934_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_20220212T024007_20220212T024442_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_20220212T040841_20220212T040916_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_20220212T041408_20220212T041646_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_20220212T041658_20220212T042648_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_20220212T051733_20220212T051741_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_20220212T055802_20220212T060549_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_20220212T072457_20220212T072535_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_20220212T073822_20220212T074823_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_20220212T091739_20220212T092452_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_20220212T092721_20220212T092723_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_20220212T092726_20220212T093054_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_20220212T101256_20220212T101822_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_20220212T105044_20220212T105405_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_20220212T105654_20220212T110414_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_20220212T112328_20220212T112428_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_20220212T122810_20220212T123026_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_20220212T123538_20220212T124257_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_20220212T125710_20220212T130121_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_20220212T141401_20220212T142239_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_20220212T142844_20220212T142900_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_20220212T154035_20220212T154200_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_20220212T155054_20220212T155834_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_20220212T174346_20220212T174410_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_20220212T180828_20220212T181035_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_20220212T194303_20220212T194450_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_20220212T205637_20220212T205748_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_20220212T213617_20220212T213938_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_20220212T215657_20220212T215751_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_20220212T220335_20220212T220617_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_20220212T222304_20220212T222314_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_20220212T224430_20220212T224527_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_20220212T225712_20220212T225926_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records

L2 Quality Flags (1 Hz & 1 Hz PLRM)

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

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

Number of products with errors:

5.7 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20 Hz)

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

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

Number of products with errors: 59

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:

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	208	208	5	203	0
SIR_NOPR1B	115	115	0	115	0
SIR_NOPN1B	111	111	1	110	0
SIR_NOPM_2	208	208	148	60	0
SIR_NOPR_2	115	115	45	67	3
SIR NOPN 2	111	111	43	68	0

7.1 QCC Errors

Number of QCC reports with errors:

Total number of occurrences of each error											
Product Type	RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR_NOPR_2	3	3	3	3							

Test Description Key:						
Abbreviation	Test name	Details				
RLOBOPNCDF	RangeLatitudeOrBlankOP_7NetCDF	Latitude should be between -90E7 and 90E7 - NetCDF				
RL	RangeLatitude_7	Latitude should be between -90E7 and 90E7				
RLOBOPNCDF	RangeLongitudeOrBlankOP_7NetCDF	Longitude should be between -180E7 and 180E7 - NetCDF				
RL	RangeLongitude_7	Longitude should be between -180E7 and 180E7				

Number of QCC reports with warnings

1733

Total number of occurrences of each warning

Total number of occurrences of each warning							
Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD
SIR_NOPM1B	203	0	0	0	0	0	0
SIR_NOPM_2	0	0	42	43	0	45	0
SIR_NOPN1B	110	0	0	0	0	0	0
SIR_NOPN_2	0	0	12	32	2	31	34
SIR_NOPR1B	112	0	0	0	0	0	0
SIR_NOPR_2	0	3	22	39	0	24	12

	Product Type	RBSZOPOEPNCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCE	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF	RPEPOPLRMNCDF
ſ	SIR_NOPM1B	0	0	0	0	0	0	0
	SIR_NOPM_2	31	38	0	0	0	0	33
	SIR_NOPN1B	0	0	0	0	0	0	0
	SIR_NOPN_2	19	0	0	15	0	32	0
	SIR_NOPR1B	0	0	0	0	0	0	0
	SIR NOPR 2	11	0	35	0	41	0	0

Product Type	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF	RSWHOEPFDNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	0	0	8	25	0	3	40
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	0	26	17	45	54	37	32
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	34	0	3	50	24	11	25

Product Type	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF	•
SIR_NOPM1B	0	0	1	0	0	0	
SIR_NOPM_2	0	2	1	0	0	0	
SIR_NOPN1B	0	0	1	0	49	0	
SIR_NOPN_2	28	18	0	1	0	0	
SIR_NOPR1B	0	0	0	0	115	12	
SIR NOPR 2	39	4	0	7	0	0	

IOHHMOOR IndexOf1Hzin20HzMappingOutOfRange MVIOEPFDNCDF MissingValueIntOceanExcludingPolarFD2NetCDF The value should not be a 'r MVIOEPNCDF MissingValueIntOceanExcludingPolarNetCDF The value should not be a 'r MVIONCDF MissingValueIntOceanNetCDF The value should not be a 'r MVIONCDF RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDRM NCDF RBSZOPOEPFDLRM NCDF RBSZOPOEPDLRM NCDF RBSZOPOEPDLRM NCDF RBSZOPOEPDLRM NCDF RBSZOPOEPDLRMNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF RBSZOPOEPNCDF RPEPOPFDLRMNCDF RAngePeakinessExcludingPolarOPFD2LRMNetCDF The backscatter sigma zero between -70 and 70 degree The backscatter sigma zero between -70 and 70 degree The Peakiness should be be and 70 degrees The Peakiness should be be and 70 degrees The Peakiness should be be and 70 degrees RPEPOPFDLRMSINN CDF RPEPOPFDRANCDF RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF The Peakiness should be be and 70 degrees	
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MVIONCDF RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDPLRM NCDF RBSZOPOEPFDPLRM NCDF RBSZOPOEPFDPLRM NCDF RBSZOPOEPFDPLRM NCDF RBSZOPOEPFDPLRM NCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RPEPOPFDLRMNCDF RangePeakinessExcludingPolarOPFD2LRMNetCDF RPEPOPFDPLRMSAR NCDF RPEPOPFDPLRMSINN CDF RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF RPEPOPFDRARNCDF RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SARNetCDF RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPFDRARNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF Repepopropropropropropropropropropropropropr	missing value' for surface type 0 only for latitudes between -70 and 70 degrees
RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDLRM RAngeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF RBSZOPOEPFDLRM RCDF RBSZOPOEPNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF RBSZOPOEPNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RESZOPOEPNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF REPOPFDLRMNCDF RangePeakinessExcludingPolarOPFD2LRMNetCDF RPEPOPFDLRMSAR NCDF RPEPOPFDPLRMSINN CDF RPEPOPFDLRMSINN CDF RPEPOPFDSARNCDF RAngePeakinessExcludingPolarOPFD2PLRMSINNetCDF RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2SARNetCDF RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPSARNetCDF RPEPOPSARNCDF RAngePeakinessExcludingP	missing value' for surface type 0 only for latitudes between -70 and 70 degrees
RBSZOPOEPFDNCDF RBSZOPOEPFDNCDF RBSZOPOEPFDLRM NCDF RBSZOPOEPFDLRM RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF RBSZOPOEPNCDF RBSZOPOEPNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarPD2PLRMNetCDF REPOPFDLRMNCDF RangePeakinessExcludingPolarOPFD2LRMNetCDF RPEPOPFDLRMSAR NCDF RPEPOPFDPLRMSINN CDF RPEPOPFDPLRMSINN CDF RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPSARNCDF RangePeakinessExcludingPolarOPSARNetCDF RPEPOPSARNCDF RangePeakinessExcludingPolarOPSARNetCDF Repeople RangePeakinessExcludingPolarOPSARNetCD	missing value' for surface type 0 only
NCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF RBSZOPOEPNCDF RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF RPEPOPFDLRMNCDF RPEPOPFDLRMNCDF RPEPOPFDPLRMSAR NCDF RPEPOPFDPLRMSINN CDF RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF RPEPOPFDPLRMSINN CDF RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SARNetCDF RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be bit and 70 degrees	o should be between 700 and 7500 (or missing) for surface type = ocean for latitudes as
RangePeakinessExcludingPolarOPFD2RMNetCDF RPEPOPFDRMSAR NCDF RPEPOPFDPRMSINN CDF RPEPOPFDPRMSINN CDF RPEPOPFDPRMSINN CDF RPEPOPFDPRMSINN CDF RPEPOPFDPRMSINN CDF RPEPOPFDRMSINN CDF RAngePeakinessExcludingPolarOPFD2PLRMSINNetCDF RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2SARNetCDF RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPSARNCDF RangePeakinessExcludingPolarOPSARNetCDF The Peakiness should be bit and 70 degrees	o should be between 700 and 7500 (or missing) for surface type = ocean for latitudes es
RPEPOPFDLRMINCDF RPEPOPFDLRMSAR RANGEPeakinessExcludingPolarOPFD2PLRMSARNetCDF RPEPOPFDPLRMSINN CDF RPEPOPFDRMSINN CDF RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2SARNetCDF RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPSARNetCDF RPEPOPSARNCDF RAngePeakinessExcludingPolarOPSARNetCDF RPEPOPS	o should be between 700 and 7500 (or missing) for surface type = ocean for latitudes es
NCDF RANGEPOAKINESSEXCIUdingPolarOPFD2PLRMSARNetCDF RANGEPOAKINESSEXCIUdingPolarOPFD2PLRMSINNetCDF RANGEPOAKINESSEXCIUdingPolarOPFD2PLRMSINNetCDF RANGEPOAKINCDF RANGEPOAKI	netween 0 and 6400 (or missing) for surface type = ocean for latitudes between -70
CDF RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF and 70 degrees The Peakiness should be brand 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF Reperoplare RangePeakinessExcludingPolarOPFD2SINNetCDF Reperoplare RangePeakinessExcludingPolarOPFD2SINNetCDF Reperoplare RangePeakinessExcludingPolarOPSARNetCDF Reperoplare RangePeakinessExcludingPolarOPSARNetCDF Reperoplare RangePeakinessExcludingPolarOPSARNetCDF Reperoplare RangePeakinessExcludingPolarOPSARNetCDF Reperoplare RangePeakinessExcludingPolarOPSARNetCDF Reperoplare RangePeakinessExcludingPolarOPSARNetCDF The Peakiness should be brand 70 degrees The Peakiness should be brand 70 degrees	netween 0 and 15000 (or missing) for surface type = ocean for latitudes between -70
RPEPOPFDSARNCDF RangePeakinessExcludingPolarOPFD2SARNetCDF and 70 degrees RPEPOPFDSINNCDF RangePeakinessExcludingPolarOPFD2SINNetCDF The Peakiness should be by and 70 degrees RPEPOPLRMNCDF RangePeakinessExcludingPolarOPLRMNetCDF The Peakiness should be by and 70 degrees RPEPOPSARNCDF RangePeakinessExcludingPolarOPSARNetCDF The Peakiness should be by and 70 degrees The Peakiness should be by and 70 degrees The Peakiness should be by and 70 degrees	netween 0 and 90000 (or missing) for surface type = ocean for latitudes between -70
REPOPTIONINGOP RangePeakinessExcludingPolarOPLZSINVetCDF RPEPOPLRMNCDF RangePeakinessExcludingPolarOPLRMNetCDF RPEPOPSARNCDF RangePeakinessExcludingPolarOPSARNetCDF Reperopsia	netween 0 and 15000 (or missing) for surface type = ocean for latitudes between -70
REPOPLEMINODF RangePeakinessExcludingPolarOPEARNetCDF and 70 degrees The Peakiness should be by and 70 degrees The Peakiness should be by an 70 degrees	netween 0 and 90000 (or missing) for surface type = ocean for latitudes between -70
RPEPUPSARNOUP RangereakinessExcitidingPolarupSaknetCup and 70 degrees The Peakiness should be be	netween 0 and 6400 (or missing) for surface type = ocean for latitudes between -70
The Peakiness should be by	netween 0 and 15000 (or missing) for surface type = ocean for latitudes between -70
RPEPOPSINNCDF RangePeakinessExcludingPolarOPSINNetCDF and 70 degrees	netween 0 and 90000 (or missing) for surface type = ocean for latitudes between -70
RSSBCONCDF RangeSeaStateBiasCorrectionOceanNetCDF The sea state bias correction	on should be between -500mm and 0mm (or missing) for surface type = ocean
RSSHAOFDNCDF RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF The sea surface height and ocean ocean	omaly should be between -3000mm and 3000mm (or missing) for surface type =
RSSHAOFDPLRMNCD RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF The sea surface height and ocean The sea surface height and ocean	omaly should be between -3000mm and 3000mm (or missing) for surface type =
RSSHAONCDF RangeSeaSurfaceHeightAnomalyOceanNetCDF The sea surface height and ocean	omaly should be between -3000mm and 3000mm (or missing) for surface type =
RSWHOEPFDNCDF RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF The significant wave height latitudes between -70 and 7	t should be between 0mm and 15000mm (or missing) for surface type = ocean for 70 degrees
RSWHOEPFDPLRMNC DF RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF The significant wave height latitudes between -70 and 7	t should be between 0mm and 15000mm (or missing) for surface type = ocean for 70 degrees
RSWHOEPNCDF RangeSignificantWaveHeightOceanExcludingPolarNetCDF The significant wave height latitudes between -70 and 7	t should be between 0mm and 15000mm (or missing) for surface type = ocean for 70 degrees
SPHRTASCNSNCDF SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF Rel_Time_ASC_Node_Stop_v2_NetCDF	p mismatch
SOOHHIFHD SameOrOneHigher1HzIndexFor20HzData The 1 Hz index of a 20 Hz s	sample should be the same or 1 higher than its previous sample
SCSTODHRNCDF SequenceCounterStepTODHRNetCDF The sequence counter show	uld be modulo 4 higher with regard to the previous sequence counter
SCSTODNCDF SequenceCounterStepTODNetCDF The sequence counter should be a s	uld be one higher (modulo 16384) with regard to the previous sequence counter

7.3 Missing QCC Reports