



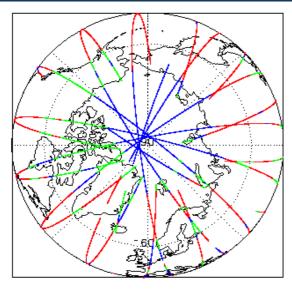
1. Overview

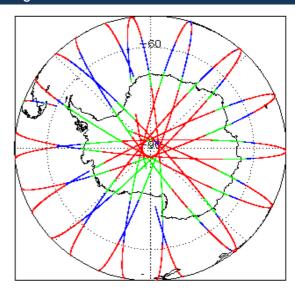
Report Production:	: 08-Aug-2022	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data	

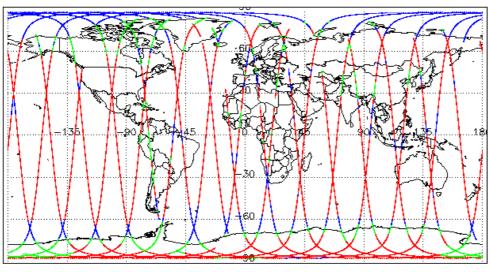
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	See Sections 4.1 and 5.1
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 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, 7.2

Miss	Mission / Instrument News		
05-	Aug-2022	None	
06-	Aug-2022	None	
07-	Aug-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

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).

 Product
 Test Failed

 CS_OFFL_SIR_NOPM1B_20220807T000000_20220807T003518_C001
 There was no header file for this product.

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:

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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:

0

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

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4.5 L1B Measurement Confidence Data Check

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

> Attitude Correction Missing: This flag is currently set in error for NOPR products due to a configuration issue. The attitude correction is not actually missing, This is being investigated and will be updated in the next SW update.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20220806T052412_20220806T053306_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: 17

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20220806T015932_20220806T021645_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20220806T073553_20220806T075733_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20220806T090557_20220806T090649_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220806T021922_20220806T022150_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220806T035604_20220806T040032_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220806T091521_20220806T091601_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220806T171827_20220806T171911_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220806T203210_20220806T203237_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220806T204211_20220806T204325_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220806T225835_20220806T230250_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220806T234802_20220806T235000_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220806T024919_20220806T025058_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220806T040032_20220806T040747_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220806T053856_20220806T054737_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220806T125732_20220806T130432_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220806T150954_20220806T151133_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220806T181239_20220806T181511_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:

Product	Test Failed
CS_OFFL_SIR_NOPM_2_20220807T000000_20220807T003518_C001	There was no header file for this product.

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

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

- > ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric Correction, Wet Tropospheric Correction, Inverse Barometric Correction and the U-Wind and V-Wind components of the ECMWF model wind vector. This is a known anomaly (CRYO-COP-3) and will be resolved in a future IPF update.
- > Mean Sea Surface: The error value is currently set for products over land and sea ice, but this is to be expected.
- > Mean Dynamic Topography: The error value is currently set for products over land and sea ice, but this is to be expected.
- > Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.

Number of products with errors:

36

Product	Test Failed	Description
	Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1), the Mean Dynamic
CS_OFFL_SIR_NOPM_2_20220806T170948_20220806T171052_C001	Topography (1), Total Geocentric Ocean Tide (GOT)	Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPM_2_20220807T000000_20220807T003518_C001	GIM lonospheric corr	There is an error with the GIM lonospheric correction for one or more records
CS_OFFL_SIR_NOPN_2_20220806T013600_20220806T013751_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_20220806T021922_20220806T022150_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_20220806T035604_20220806T040032_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20220806T044504_20220806T044613_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_20220806T053509_20220806T053855_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records
CS_OFFL_SIR_NOPN_2_20220806T071021_20220806T071549_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_20220806T095053_20220806T095400_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_20220806T130433_20220806T130707_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_20220806T135941_20220806T140101_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_20220806T144007_20220806T144551_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_20220806T153414_20220806T153505_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20220806T153913_20220806T154123_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_20220806T154232_20220806T154501_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_20220806T162158_20220806T162337_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_20220806T163223_20220806T163433_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_20220806T171827_20220806T171911_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_20220806T171914_20220806T172313_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_20220806T194111_20220806T194504_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records
CS_OFFL_SIR_NOPN_2_20220806T212059_20220806T212412_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_20220806T220536_20220806T220651_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_20220806T225835_20220806T230250_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_20220806T230829_20220806T230953_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_20220806T234802_20220806T235000_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPR_2_20220806T004235_20220806T004946_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_20220806T022150_20220806T022927_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_20220806T040032_20220806T040747_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_NOPR_2_20220806T053856_20220806T054737_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_20220806T071549_20220806T072327_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_20220806T185326_20220806T185856_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_20220806T202146_20220806T202326_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_20220806T203237_20220806T204028_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_20220806T220357_20220806T220535_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_20220806T221055_20220806T222002_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_20220806T235207_20220806T235959_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:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20220806T052412_20220806T053306_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20 Hz)

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20220806T000344_20220806T003000_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_20220806T003015_20220806T003732_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPM_2_20220806T003858_20220806T004124_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_20220806T004946_20220806T010417_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPM_2_20220806T011053_20220806T012559_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_20220806T012822_20220806T013340_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_20220806T013359_20220806T013600_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_20220806T014433_20220806T015718_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_20220806T015932_20220806T021645_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_20220806T023852_20220806T024823_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_20220806T025058_20220806T030452_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_20220806T030747_20220806T031252_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_20220806T031316_20220806T031431_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_20220806T032140_20220806T032221_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_20220806T033119_20220806T033306_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_20220806T033911_20220806T034310_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_20220806T034434_20220806T035123_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_20220806T041340_20220806T041503_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_20220806T042740_20220806T044346_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_20220806T045231_20220806T045413_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_20220806T045927_20220806T052307_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_20220806T055849_20220806T062255_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_20220806T062602_20220806T063124_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_20220806T063131_20220806T063456_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_20220806T063837_20220806T070532_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_20220806T070641_20220806T071021_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_20220806T073353_20220806T073540_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_20220806T073553_20220806T075733_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_20220806T075744_20220806T080231_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_20220806T080555_20220806T081404_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_20220806T081854_20220806T085134_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_20220806T090415_20220806T090544_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_20220806T090557_20220806T090649_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_20220806T093509_20220806T094052_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_20220806T094534_20220806T095053_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_20220806T095754_20220806T101905_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_20220806T102151_20220806T103329_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_20220806T104250_20220806T104724_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

CONTILIENT NOME 2 20000081110100 2000101110100 20011 CONTILIENT NOME 2 20000081110100 2000001110100 2001 CONTILIENT NOME 2 20000081110100 20000001110100 2001 CONTILIENT NOME 2 20000081110100 2000001110100 2001 CONTILIENT NOME 2 2000008110100 20000011101010 2001 CONTILIENT NOME 2 2000008110100 20000011101010 2001 CONTILIENT NOME 2 20000081101010 20000011101010 2001 CONTILIENT NOME 2 20000081101010	CS_OFFL_SIR_NOPM_2_20220806T110313_20220806T110756_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
CG CFFL SIR NOPM 2 0203006T112010 0203006T12010 0201 CG CFFL SIR NOPM 2 0203006T13010 0201 CG CFFL SIR NOPM 2 0203006T12010 0201 CG CFFL SIR NOPM 2 0203006T12010 0201 CG CFFL SIR NOPM 2 0203006T13010 0201 CG	CS_OFFL_SIR_NOPM_2_20220806T110944_20220806T112002_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Sept Description Descrip	CS_OFFL_SIR_NOPM_2_20220806T113710_20220806T114146_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS OFFL SIR NOPM 2 2020000712979_2020000712932_0000 CR OFFL SIR NOPM 2 2020000712937_2020000712932_00000000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20220806T114156_20220806T120340_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Second Company Compa	CS_OFFL_SIR_NOPM_2_20220806T120450_20220806T121332_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
26_OFFL_SRI_NOPM_2_2022886112813_2022886114987_C001	CS_OFFL_SIR_NOPM_2_20220806T122507_20220806T122528_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_OFFL_SIR_NOPM_2_20220006T1930S_20220006T1930S_000006T1950S_0000	CS_OFFL_SIR_NOPM_2_20220806T122614_20220806T123313_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter (Daily) CS. OFFL SIR NOPM 2_202209061132213_202208061132111_CO01 CS. OFFL SIR NOPM 2_202209061132213_202208061132111_CO01 CS. OFFL SIR NOPM 2_202209061132213_202208061132111_CO01 CS. OFFL SIR NOPM 2_202209061132213_20220806113211_CO01 CS. OFFL SIR NOPM 2_202209061132213_20220806113211_CO01 CS. OFFL SIR NOPM 2_202209061132213_20220806113211_CO01 CS. OFFL SIR NOPM 2_202209061132213_202208061132210_CO01 CS. OFFL SIR NOPM 2_202209061132213_202208061132311_CO01 CS. OFFL SIR NOPM 2_202209061132213_202208061140512_CO01 CS. OFFL SIR NOPM 2_202209061140102_202208061140512_CO01 CS. OFFL SIR NOPM 2_202209061140102_202208061140512_CO01 CS. OFFL SIR NOPM 2_202209061140102_202208061140012_CO01 CS. OFFL SIR NOPM 2_202209061140012_202208061140012_CO01 CS. OFFL SIR NOPM 2_202209061140012_CO01 CS. OFFL SIR NOPM 2_202209061140012_202208061140012_CO01 CS. OFFL SIR NOPM 2_202209061140012_CO01 CS. OFFL SIR NOPM 2_202209061190012_CO01 CS. OFFL SIR NOPM 2_202209061190012_CO01 CS. OFFL SIR NOPM 2_202209061190012_CO01 CS. OFFL SIR NOPM 2_20220906	CS_OFFL_SIR_NOPM_2_20220806T123333_20220806T125732_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and field-occurred Couliny, COCID Altrinetier Range and Backscatter Couliny Flags have been after the Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Backscatter County Flags have been after Cocid Altrinetier Range and Ba	CS_OFFL_SIR_NOPM_2_20220806T130708_20220806T130901_C001		
and flackscater Oually, COOG Alterneter Range and Backscater Oually Flags have been self to concorn or more records CS_OFFL_SIR_NOPM_2_20220806T136358_20220806T134366_0001 CS_OFFL_SIR_NOPM_2_20220806T14002_20220806T134366_0001 CS_OFFL_SIR_NOPM_2_20220806T14002_20220806T140012_0001 CS_OFFL_SIR_NOPM_2_20220806T14002_20220806T140012_0001 CS_OFFL_SIR_NOPM_2_20220806T1406Z7_20220806T140012_0001 CS_OFFL_SIR_NOPM_2_20220806T1406Z7_20220806T140012_0001 CS_OFFL_SIR_NOPM_2_20220806T1406Z7_20220806T140012_0001 CS_OFFL_SIR_NOPM_2_20220806T1406Z7_20220806T140012_0001 CS_OFFL_SIR_NOPM_2_20220806T1406Z7_20220806T140012_0001 CS_OFFL_SIR_NOPM_2_20220806T144052_20220806T1440012_0001 CS_OFFL_SIR_NOPM_2_20220806T144502_20220806T1440012_0001 CS_OFFL_SIR_NOPM_2_20220806T144502_20220806T1440012_0001 CS_OFFL_SIR_NOPM_2_20220806T144502_20220806T1440010_0001 CS_OFFL_SIR_NOPM_2_20220806T144502_20220806T144001_0001 CS_OFFL_SIR_NOPM_2_20220806T144502_20220806T144500_0001 CS_OFFL_SIR_NOPM_2_20220806T144502_20220806T144500_0001 CS_OFFL_SIR_NOPM_2_20220806T144502_20220806T14500_0001 CS_OFFL_SIR_NOPM_2_20220806T145053_20220806T14500_0001 CS_OFFL_SIR_NOPM_2_20220806T150552_20220806T150554_0001 CS_OFFL_SIR_NOPM_2_20220806T150552_20220806T150554_0001 CS_OFFL_SIR_NOPM_2_20220806T15056T_20220806T150554_0001 CS_OFFL_SIR_NOPM_2_20220806T15056T_20220806T160554_0001 CS_OFFL_SIR_NOPM_2_20220806T15056T_20220806T160554_0001 CS_OFFL_SIR_NOPM_2_20220806T15056T_20220806T160554_0001 CS_OFFL_SIR_NOPM_2_20220806T15056T_20220806T160554_0001 CS_OFFL_SIR_NOPM_2_20220806T15056T_20220806T160554_0001 CS_OFFL_SIR_NOPM_2_20220806T15056T_20220806T160554_0001 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T160554_0001 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T160554_0001 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T160554_0001 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T160554_0001 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T160550_0001 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T160550_0001 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16055	CS_OFFL_SIR_NOPM_2_20220806T131632_20220806T132119_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality. Ameriter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20220806T140102_20220806T140512_C001 CS_OFFL_SIR_NOPM_2_20220806T140627_20220806T140512_C001 CS_OFFL_SIR_NOPM_2_20220806T140627_20220806T140512_C001 CS_OFFL_SIR_NOPM_2_20220806T140627_20220806T140512_C001 CS_OFFL_SIR_NOPM_2_20220806T140627_20220806T140512_C001 CS_OFFL_SIR_NOPM_2_20220806T140627_20220806T140512_C001 CS_OFFL_SIR_NOPM_2_20220806T140627_20220806T140512_C001 CS_OFFL_SIR_NOPM_2_20220806T140627_20220806T140512_C001 CS_OFFL_SIR_NOPM_2_20220806T14052_C0020806T140512_C001 CS_OFFL_SIR_NOPM_2_20220806T14052_C0020806T140512_C001 CS_OFFL_SIR_NOPM_2_20220806T140512_C001 CS_OFFL_SIR_NOPM_2_20220806T140512_C001 CS_OFFL_SIR_NOPM_2_20220806T140512_C001 CS_OFFL_SIR_NOPM_2_20220806T140512_C001 CS_OFFL_SIR_NOPM_2_20220806T150542_C001 CS_OFFL_SIR_NOPM_2_20220806T150542_C001 CS_OFFL_SIR_NOPM_2_20220806T15054_C001 CS_OFFL_SIR_NOPM_2_20220806T150542_C001 CS_OFFL_SIR_NOPM_2_20220806T150547_C001 CS_OFFL_SIR_NOP	CS_OFFL_SIR_NOPM_2_20220806T132213_20220806T133211_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20228806T149827_20228806T142011_C001 CS_OFFL_SIR_NOPM_2_20228806T149827_20228806T142011_C001 CS_OFFL_SIR_NOPM_2_20228806T149827_20228806T142011_C001 CS_OFFL_SIR_NOPM_2_20228806T142828_20228806T142011_C001 CS_OFFL_SIR_NOPM_2_20228806T142828_20228806T142810_C001 CS_OFFL_SIR_NOPM_2_20228806T142828_20228806T142810_C001 CS_OFFL_SIR_NOPM_2_20228806T144847_20228806T142810_C001 CS_OFFL_SIR_NOPM_2_20228806T144847_20228806T142810_C001 CS_OFFL_SIR_NOPM_2_20228806T144847_20228806T142810_C001 CS_OFFL_SIR_NOPM_2_20228806T142828_20228806T142810_C001 CS_OFFL_SIR_NOPM_2_20228806T142828_20228806T142810_C001 CS_OFFL_SIR_NOPM_2_20228806T142848_20228806T142810_C001 CS_OFFL_SIR_NOPM_2_20228806T142848_20228806T142810_C001 CS_OFFL_SIR_NOPM_2_20228806T142848_20228806T150884_C001 CS_OFFL_SIR_NOPM_2_20228806T142828_20228806T150884_C001 CS_OFFL_SIR_NOPM_2_20228806T15084_C001 CS_OFFL_SIR_NOPM_2_20228806T150812_0028806T16083_C001 CS_OFFL_SIR_NOPM_2_20228806T160807_20228806T16083_C001 CS_OFFL_SIR_NOPM_2_20228806T160807_20228806T160807_C001 CS_OFFL_SIR_NOPM_2_20228806T160807_20228806T160807_C001 CS_OFFL_SIR_NOPM_2_20228806T160807_20228806T160807_C001 CS_OFFL_SIR_NOPM_2_20228806T160807_20228806T160807_C001 CS_OFFL_SIR_NOPM_2_20228806T160807_20228806T160807_C001 CS_OFFL_SIR_NOPM_2_20228806T160807_20228806T160807_C001 CS_OFFL_SIR_NOPM_2_20228806T160807_20228806T160807_C001 CS_OFFL_SIR_NOPM_2_20228806T160807_20228806T160807_C001 CS_OFFL_SIR_NOPM_2_20228806T160807_20228806T160807_C001 CS_OFFL_SIR_NOPM_2_20228806T160807_20228806T160	CS_OFFL_SIR_NOPM_2_20220806T133538_20220806T134336_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and the OCOCA Altimeter Range and Backscatter Quality Flags have been alto Cocan Altimeter Range and Backscatter Quality Flags have been alto Cocan Altimeter Range and Backscatter Quality Flags have been alto Cocan Altimeter Range and Backscatter Quality Flags have been alto Cocan Altimeter Range and Backscatter Quality Flags have been alto Cocan Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220806T142826_20220806T144817_CO01 CS_OFFL_SIR_NOPM_2_20220806T144847_20220806T145810_CO01 CS_OFFL_SIR_NOPM_2_20220806T144847_20220806T145810_CO01 CS_OFFL_SIR_NOPM_2_20220806T145855_20220806T145810_CO01 CS_OFFL_SIR_NOPM_2_20220806T145855_20220806T150954_CO01 CS_OFFL_SIR_NOPM_2_20220806T15555_20220806T150954_CO01 CS_OFFL_SIR_NOPM_2_20220806T15555_20220806T155534_CO01 CS_OFFL_SIR_NOPM_2_20220806T15555_20220806T155534_CO01 CS_OFFL_SIR_NOPM_2_20220806T15554_CO01 CS_OFFL_SIR_NOPM_2_20220806T15554_CO01 CS_OFFL_SIR_NOPM_2_20220806T15554_CO01 CS_OFFL_SIR_NOPM_2_20220806T15554_CO01 CS_OFFL_SIR_NOPM_2_20220806T15554_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T165534_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16953_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16953_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16953_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16953_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16953_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16953_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16950_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16950_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16950_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16950_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16950_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16950_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16950_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16950_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16040_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T160400_CO01 CS_OF	CS_OFFL_SIR_NOPM_2_20220806T140102_20220806T140512_C001		, ,
and Backscatter Quality COGG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220806T144852_20220806T144817_CO01 CS_OFFL_SIR_NOPM_2_20220806T144847_20220806T144817_CO01 CS_OFFL_SIR_NOPM_2_20220806T144847_20220806T144817_CO01 CS_OFFL_SIR_NOPM_2_20220806T144847_20220806T145310_CO01 CS_OFFL_SIR_NOPM_2_20220806T144847_20220806T145310_CO01 CS_OFFL_SIR_NOPM_2_20220806T145555_20220806T150954_CO01 CS_OFFL_SIR_NOPM_2_20220806T145555_20220806T150954_CO01 CS_OFFL_SIR_NOPM_2_20220806T15555_20220806T150954_CO01 CS_OFFL_SIR_NOPM_2_20220806T15555_20220806T150954_CO01 CS_OFFL_SIR_NOPM_2_20220806T15555_20220806T150954_CO01 CS_OFFL_SIR_NOPM_2_20220806T15555_20220806T150954_CO01 CS_OFFL_SIR_NOPM_2_20220806T15557_20220806T155534_CO01 CS_OFFL_SIR_NOPM_2_20220806T15557_20220806T150954_CO01 CS_OFFL_SIR_NOPM_2_20220806T15557_20220806T150954_CO01 CS_OFFL_SIR_NOPM_2_20220806T15557_20220806T160954_CO01 CS_OFFL_SIR_NOPM_2_20220806T15557_20220806T160954_CO01 CS_OFFL_SIR_NOPM_2_20220806T15557_20220806T160954_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T160954_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T160954_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T160954_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T160954_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T160954_CO01 CS_OFFL_SIR_NOPM_2_20220806T160953_CO01 CS_OFFL_SIR_NOPM_2_20220806T1609	CS_OFFL_SIR_NOPM_2_20220806T140627_20220806T142011_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_NOPM_2_20220806T144847_20220806T145310_C001 CS_OFFL_SIR_NOPM_2_20220806T145555_20220806T150954_C001 CS_OFFL_SIR_NOPM_2_20220806T145555_20220806T150954_C001 CS_OFFL_SIR_NOPM_2_20220806T151134_20220806T150954_C001 CS_OFFL_SIR_NOPM_2_20220806T151134_20220806T152234_C001 CS_OFFL_SIR_NOPM_2_20220806T151134_20220806T15234_C001 CS_OFFL_SIR_NOPM_2_20220806T1551212_20220806T15534_C001 CS_OFFL_SIR_NOPM_2_20220806T155212_20220806T160154_C001 CS_OFFL_SIR_NOPM_2_20220806T155312_20220806T160154_C001 CS_OFFL_SIR_NOPM_2_20220806T160154_C001 CS_OFFL_SIR_NOPM_2_20220806T16015357_20220806T160154_C001 CS_OFFL_SIR_NOPM_2_20220806T160155357_0020806T1601500000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20220806T142826_20220806T143907_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_NOPM_2_20220806T145555_20220806T159954_CO01 CS_OFFL_SIR_NOPM_2_20220806T15555_20220806T159954_CO01 CS_OFFL_SIR_NOPM_2_20220806T151134_20220806T152234_CO01 CS_OFFL_SIR_NOPM_2_20220806T151134_20220806T15234_CO01 CS_OFFL_SIR_NOPM_2_20220806T155112_20220806T155534_CO01 CS_OFFL_SIR_NOPM_2_20220806T155112_20220806T155534_CO01 CS_OFFL_SIR_NOPM_2_20220806T155512_20220806T155534_CO01 CS_OFFL_SIR_NOPM_2_20220806T15557_20220806T155534_CO01 CS_OFFL_SIR_NOPM_2_20220806T15557_20220806T155534_CO01 CS_OFFL_SIR_NOPM_2_20220806T155537_20220806T160154_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T161953_CO01 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T163233_CO01 CS_OFFL_SIR_NOPM_2_20220806T16338_20220806T16323_CO01 CS_OFFL_SIR_NOPM_2_20220806T16338_20220806T16323_CO01 CS_OFFL_SIR_NOPM_2_20220806T16337_20220806T165703_CO01 CS_OFFL_SIR_NOPM_2_20220806T16337_20220806T165703_CO01 CS_OFFL_SIR_NOPM_2_20220806T16337_20220806T165703_CO01 CS_OFFL_SIR_NOPM_2_20220806T173313_20220806T172413_CO01 CS_OFFL_SIR_NOPM_2_20220806T173313_20220806T172413_CO01 CS_OFFL_SIR_NOPM_2_20220806T173313_20220806T172413_CO01 CS_OFFL_SIR_NOPM_2_20220806T173416_20220806T172413_CO01 CCGan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCOGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CCGAN COMMAND AND AND AND AND AND AND AND AND AND	CS_OFFL_SIR_NOPM_2_20220806T144552_20220806T144817_C001		, ,
and the OCCG Altimeter Range and Backscatter Quality Flags have been Altimeter Range, SHA, SWH and Backscatter Quality Flags have been Altimeter Range, SHA, SWH and Backscatter Quality Flags have been Altimeter Range, SHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been Set for one or more records CS_OFFL_SIR_NOPM_2_20220806T155212_20220806T15534_C001 CS_OFFL_SIR_NOPM_2_20220806T155212_20220806T15534_C001 CS_OFFL_SIR_NOPM_2_20220806T155657_20220806T160154_C001 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T160154_C001 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T16053223_C001 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T163223_C001 CS_OFFL_SIR_NOPM_2_20220806T163537_20220806T165703_C001 CS_OFFL_SIR_NOPM_2_20220806T163537_20220806T172413_C001 CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T172415_C001 CS_OFFL_SIR_NOPM_2_20220806T173416_20220806T172415_C001 CS_OFFL_SIR_NOPM_2_20220806T173416_20220806T175916_C001 CS_OFFL_SIR_NOPM_2_20220806T	CS_OFFL_SIR_NOPM_2_20220806T144847_20220806T145310_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records Cs_OFFL_SIR_NOPM_2_20220806T155657_20220806T160154_C001 Cs_OFFL_SIR_NOPM_2_20220806T160407_20220806T160154_C001 Cs_OFFL_SIR_NOPM_2_20220806T160407_20220806T16953_C001 Cs_OFFL_SIR_NOPM_2_20220806T160407_20220806T16953_C001 Cs_OFFL_SIR_NOPM_2_20220806T162338_20220806T163223_C001 Cs_OFFL_SIR_NOPM_2_20220806T162338_20220806T163223_C001 Cs_OFFL_SIR_NOPM_2_20220806T163537_20220806T165703_C001 Cs_OFFL_SIR_NOPM_2_20220806T163537_20220806T165703_C001 Cs_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 Cs_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 Cocan Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records Cs_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 Cocan Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records Cs_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 Cocan Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records Cs_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 Cocan Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records Cocan Altimeter Range Range Quality, OCOG Backscatter Quality Flags have been set for one or more records Cocan Altimeter Range Range Quality, OCOG Backscatter Quality Flags have been set for one or more records Cocan Altimeter Range Range Range Range R	CS_OFFL_SIR_NOPM_2_20220806T145555_20220806T150954_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220806T155212_20220806T160154_C001 DCean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T160154_C001 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T161953_C001 CS_OFFL_SIR_NOPM_2_20220806T162338_20220806T163223_C001 CS_OFFL_SIR_NOPM_2_20220806T162338_20220806T163223_C001 DCean Altimeter Range Quality, OCOG Altimeter Range Quality, OCOG Backscatter Quality CS_OFFL_SIR_NOPM_2_20220806T163537_20220806T165703_C001 CS_OFFL_SIR_NOPM_2_20220806T163537_20220806T165703_C001 CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 DCEAN Altimeter Range Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 DCEAN Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records DCCG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records DCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records DCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records DCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20220806T151134_20220806T152234_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T161953_C001 CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T161953_C001 CS_OFFL_SIR_NOPM_2_20220806T162338_20220806T163223_C001 CS_OFFL_SIR_NOPM_2_20220806T162338_20220806T163223_C001 CS_OFFL_SIR_NOPM_2_20220806T163537_20220806T165703_C001 CS_OFFL_SIR_NOPM_2_20220806T163537_20220806T165703_C001 CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 CS_OFFL_SIR_NOPM_2_20220806T173313_20220806T172413_C001 CS_OFFL_SIR_NOPM_2_20220806T173416_20220806T175916_C001 and Backscatter Quality, 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 The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 CS_OFFL_SIR_NOPM_2_20220806T173416_20220806T175916_C001 The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220806T173416_20220806T175916_C001 The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220806T173416_20220806T175916_C001 The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20220806T155212_20220806T155534_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T161953_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220806T162338_20220806T163223_C001 CS_OFFL_SIR_NOPM_2_20220806T163537_20220806T165703_C001 CS_OFFL_SIR_NOPM_2_20220806T163537_20220806T165703_C001 CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T175916_C001 And Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range And Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 CS_OFFL_SIR_NOPM_2_20220806T173416_20220806T175916_C001 CS_OFFL_SIR_NOPM_2_20220806T175416_20018175916_C001 CS_OFFL_SIR_NOPM_2_20220806T175418	CS_OFFL_SIR_NOPM_2_20220806T155657_20220806T160154_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 OCEAN Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records OCEAN Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records OCEAN 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 OCEAN Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20220806T160407_20220806T161953_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220806T163537_20220806T165703_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001 CS_OFFL_SIR_NOPM_2_20220806T173416_20220806T175916_C001 and Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality CS_OFFL_SIR_NOPM_2_20220806T173416_20220806T175916_C001 The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20220806T162338_20220806T163223_C001		
Backscatter Quality for one or more records CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_G001 Backscatter Quality for one or more records Cs_OFFL_SIR_NOPM_2_20220806T173416_20220806T175916_C001 Cs_OFFL_SIR_NOPM_2_20220806T173416_20220806T175916_C001 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPM_2_20220806T163537_20220806T165703_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220806T173416_20220806T175916_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPM_2_20220806T172313_20220806T172413_C001		
	CS_OFFL_SIR_NOPM_2_20220806T173416_20220806T175916_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CS_OFFL_SIR_NOPM_2_20220806T180548_20220806T181016_C001 OCOG Altimeter Backscatter Qua	Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
Ocean Altimeter CS_OFFL_SIR_NOPM_2_20220806T181512_20220806T184008_C001 and Backscatter	Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags
Ocean Altimeter CS_OFFL_SIR_NOPM_2_20220806T190741_20220806T191010_C001 and Backscatter	Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags
CS_OFFL_SIR_NOPM_2_20220806T191135_20220806T193732_C001 and Backscatter	Range, SSHA, SWH Quality, OCOG 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_20220806T194505_20220806T195055_C001 OCOG Altimeter Backscatter Qua	Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPM_2_20220806T195344_20220806T200739_C001 and Backscatter	Range, SSHA, SWH 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_20220806T201134_20220806T201329_C001	Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPM_2_20220806T203001_20220806T203127_C001 and Backscatter	Range, SSHA, SWH 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_20220806T204325_20220806T211654_C001 and Backscatter	Range, SSHA, SWH 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_20220806T212412_20220806T212927_C001 OCOG Altimeter Backscatter Qua	Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPM_2_20220806T213317_20220806T213410_C001 and Backscatter	Range, SSHA, SWH Quality, OCOG 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_20220806T213610_20220806T213859_C001 and Backscatter	Range, SSHA, SWH Quality, OCOG 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_20220806T220652_20220806T221055_C001 and Backscatter	Range, SSHA, SWH Quality, OCOG 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_20220806T222002_20220806T223215_C001 and Backscatter	Range, SSHA, SWH Quality, OCOG 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_20220806T223502_20220806T225613_C001 and Backscatter	Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPM_2_20220806T230251_20220806T230414_C001 OCOG Altimeter Backscatter Qua	Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPM_2_20220806T230421_20220806T230829_C001 OCOG Altimeter Backscatter Qua	Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPM_2_20220806T231332_20220806T232336_C001 and Backscatter	Range, SSHA, SWH Quality, OCOG 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_20220806T232524_20220806T233242_C001 and Backscatter	Range, SSHA, SWH Quality, OCOG 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_20220806T233326_20220806T233758_C001 and Backscatter	Range, SSHA, SWH 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_20220806T031432_20220806T031508_C001 OCOG Altimeter Backscatter Qua	Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20220806T032244_20220806T032307_C001 and Backscatter	Range, SSHA, SWH and Backscatter Quality Flags and Hackscatter Quality Flags and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20220806T063125_20220806T063130_C001 OCOG Altimeter Backscatter Qua	Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20220806T081404_20220806T081517_C001 and Backscatter	Range, SSHA, SWH Quality, OCOG and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20220806T122226_20220806T122319_C001 and Backscatter	Range, SSHA, SWH Quality, OCOG and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20220806T134455_20220806T134640_C001 OCOG Altimeter Backscatter Qua	Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

CS_OFFL_SIR_NOPN_2_20220806T163223_20220806T163433_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20220806T180445_20220806T180548_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20220806T143908_20220806T144006_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20220806T163433_20220806T163536_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20220806T203127_20220806T203143_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20220806T213410_20220806T213610_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20220806T214300_20220806T214331_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

L2 Quality Flags (20 Hz PLRM)

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

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

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20220806T021922_20220806T022150_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_20220806T032756_20220806T033118_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_20220806T033306_20220806T033846_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_20220806T035145_20220806T035307_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_20220806T035604_20220806T040032_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_20220806T041659_20220806T042000_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_20220806T044504_20220806T044613_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_20220806T053307_20220806T053428_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_20220806T053509_20220806T053855_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_20220806T054850_20220806T055012_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_20220806T055446_20220806T055849_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_20220806T071021_20220806T071549_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_20220806T085135_20220806T085308_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_20220806T085348_20220806T085521_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_20220806T090719_20220806T090842_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_20220806T121443_20220806T121458_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records

CO.OFFL.SRI,NOPPL2_28220881114291_2001 OCO Affancer Parge Dually PLAN. The DOOD Range and Exciscation Qually Eigh here been set for one or common co			
Company Comp	CS_OFFL_SIR_NOPN_2_20220806T130433_20220806T130707_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CO.OFFL.SRI,NOPPL2_28220881114291_2001 OCO Affancer Parge Dually PLAN. The DOOD Range and Exciscation Qually Eigh here been set for one or common co	CS_OFFL_SIR_NOPN_2_20220806T134455_20220806T134640_C001		
OCC Altered Rays Clark (NOPL 2, 20200007114007, 20200007114051, 00010 0000 Altered Rays Clark (Plays And Education Coulty Flags have been set for one or control. OCC Altered Rays Clark (Play Clark (Carly Clark) (Play Clark) (CS_OFFL_SIR_NOPN_2_20220806T135941_20220806T140101_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
COOR Bedescate Quilty Control (Control Control	CS_OFFL_SIR_NOPN_2_20220806T142720_20220806T142818_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
Disports Self NOPN 2. 2020000715910. 2020000715400 C000 Alternative Page Guality PLPA. The COOO Renge and Bocksonter Quelty Page have been self or one or soon receives. CS. OFFL SRI NOPN 2. 20200007154002 20200007154002 C000 CS. OFFL SRI NOPN 2. 20200007176003 C000 CS. OFFL SRI NOPN 2. 20200007176003 C000 CS. OFFL SRI NOPN 2. 20200007176007 C000 CS. O	CS_OFFL_SIR_NOPN_2_20220806T144007_20220806T144551_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20200866T154282_2020086T154284_C001 CS_OFFL_SIR_NOPN_2_20200866T154282_2020086T154284_C001 CS_OFFL_SIR_NOPN_2_20200866T154282_2020086T154284_C001 CS_OFFL_SIR_NOPN_2_20200866T154282_2020086T154284_C001 CS_OFFL_SIR_NOPN_2_20200866T154282_2020086T15556.C001 CS_OFFL_SIR_NOPN_2_2020086T15534_2020086T15556_C001 CS_OFFL_SIR_NOPN_2_20220086T16558_2020086T16566_C001 CS_OFFL_SIR_NOPN_2_20220086T16568_2020086T16566_C001 CS_OFFL_SIR_NOPN_2_20220086T16568_2020086T16566_C001 CS_OFFL_SIR_NOPN_2_20220086T170856_2020086T170947_C001 CS_OFFL_SIR_NOPN_2_20220086T170856_2020086T170947_C001 CS_OFFL_SIR_NOPN_2_20220086T170856_2020086T170947_C001 CS_OFFL_SIR_NOPN_2_20220086T170856_2020086T170947_C001 CS_OFFL_SIR_NOPN_2_20220086T170947_2020086T170947_C001 CS_OFFL_SIR_NOPN_2_20220086T17094_2020086T170947_C001 CS_OFFL_SIR_NOPN_2_20220086T17094_2020086T170947_C001 CS_OFFL_SIR_NOPN_2_20220086T17094_2020086T170947_C001 CS_OFFL_SIR_NOPN_2_20220086T17094_2020086T170947_C001 CS_OFFL_SIR_NOPN_2_20220086T17094_2020086T170947_C001 CS_OFFL_SIR_NOPN_2_20220086T17094_20220086T170947_C0010 CS_OFFL_SIR_NOPN_2_20220086T17094_2020086T170947_C0010 CS_OFFL_SIR_NOPN_2_20220086T17094_2020086T17094_2000086T170940_0000868000860008600086000860008600086	CS_OFFL_SIR_NOPN_2_20220806T145310_20220806T145449_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CG OFFL SIR NOPN 2 20220808118762 2022080811892 20201 CODA Altrineter Plange Guality PLIM. CG. OFFL SIR NOPN 2 20220808118935 20220808118989 20201 CODA Altrineter Plange Guality PLIM. CG. OFFL SIR NOPN 2 20220808118935 20220808118989 2020	CS_OFFL_SIR_NOPN_2_20220806T153913_20220806T154123_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS. OFFL. SIR. NOPN 2_202208061195942_202208061195958_COID CS. OFFL. SIR. NOPN 2_202208061195958_202208061195958_COID CS. OFFL. SIR. NOPN 2_202208061195958_202208061195958_COID CS. OFFL. SIR. NOPN 2_202208061195958_202208061170917_COID CS. OFFL. SIR. NOPN 2_202208061195958_202208061170917_COID CS. OFFL. SIR. NOPN 2_202208061170918_202208061170917_COID CS. OFFL. SIR. NOPN 2_202208061170918_202208061170917_COID CS. OFFL. SIR. NOPN 2_202208061170918_202208061170917_COID CS. OFFL. SIR. NOPN 2_2022080611718914_202208061170917_COID CS. OFFL. SIR. NOPN 2_202208061171914_202208061170917_COID CS. OFFL. SIR. NOPN 2_202208061170914_202208061170917_COID CCS. OFFL. SIR. NOPN 2_202208061170914_202208061170918_COID CCS. OFFL. SIR. NOPN 2_202208061170914_202208061170918_COID CCS. OFFL. SIR. NOPN 2_202208061190194_202208061170918_COID CCS. OFFL. SIR. NOPN 2_202208061190195_202208061180594_COID CCCG. Abmetter Range Outliny PLPM. CCCGG Range and Backscatter Outliny Flags have been set for one or none records. CCCGG Abmetter Range Outliny PLPM. CCCGG Range and Backscatter Outliny Flags have been set for one or none records. CCCGG Abmetter Range Outliny PLPM. CCCGG Range a	CS_OFFL_SIR_NOPN_2_20220806T154232_20220806T154501_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_2022886T18015_2022886T19040C001 CS_OFFL_SIR_NOPN_2_2022886T18015_2022886T19040C001 CS_OFFL_SIR_NOPN_2_2022886T18016_2022886T19040C001 CS_OFFL_SIR_NOPN_2_2022886T18016_2022886T170241_C001 CS_OFFL_SIR_NOPN_2_2022886T17044_2022886T170341_C001 CS_OFFL_SIR_NOPN_2_2022886T18044_2022886T170341_C001 CS_OFFL_SIR_NOPN_2_2022886T18044_2022886T18044_C001 CS_OFFL_SIR_NOPN_2_2022886T18044_2022886T18044_C001 CS_OFFL_SIR_NOPN_2_2022886T18044_2022886T18044_C001 CS_OFFL_SIR_NOPN_2_20228866T18044_2022886T18044_C001 CS_OFFL_SIR_NOPN_2_20228866T18044_2022886FT18044_C001 CCS_OFFL_SIR_NOPN_2_20228866T18044_2022886FT18044_C001 CCS_OFFL_SIR_NOPN_2_20228866T18044_2022886FT18044_C001 CCS_OFFL_SIR_NOPN_2_20228866T18044_2022886FT18044_C001 CCS_OFFL_SIR_NOPN_2_20228866T18044_2022886FT18044_C001 CCS_OFFL_SIR_NOPN_2_20228866T18044_2022886FT190412_C001 CCS_OFFL_SIR_NOPN_2_20228866T18044_2022886FT190412_C001 CCS_OFFL_SIR_NOPN_2_20228866T18044_2022886FT190412_C001 CCS_OFFL_SIR_NOPN_2_20228866T18044_2022886FT20412_C001 CCS_OFFL_SIR_NOPN_2_20228866T18044_2022886FT20412_C001 CCS_OFFL_SIR_NOPN_2_20228866T18044_2022886FT20412_C001 CCS_OFFL_SIR_NOPN_2_20228866T18044_2022886FT20412_C001 CCS_OFFL_SIR_NOPN_2_20228866T19044_2022886FT20412_C001 CCS_OFFL_SIR_NOPN_2_20228866T19044_2022886FT20412_C001 CCS_OFFL_SIR_NOPN_2_20228866T19044_2022886FT20412_C001 CCS_OFFL_SIR_NOPN_2_20228866T19044_20228866T20412_C001 CCS_OFFL_SIR_NOPN_2_20228866T20444_20228866T20412_C001 CCS_OFFL_SIR_NOPN_2_2	CS_OFFL_SIR_NOPN_2_20220806T154702_20220806T154824_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
OCOG Backscatter Quality PLINI. OCS OFFIL.SIR_NOPN_2_20220806T195902_20220806T170947_CO01 OCOG Allimeter Range Quality PLINI. OCOG Backscatter Quality PLINI. OCO	CS_OFFL_SIR_NOPN_2_20220806T155534_20220806T155656_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCOG Backscatter Quality PLRM. OCOG Backscatter Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG	CS_OFFL_SIR_NOPN_2_20220806T160155_20220806T160406_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
OCOG Backscatter Quality PLRM. CS_OFFL_SIR_NOPN_2_20220806T171897_20220806T171911_C001 OCOG Altimeter Range Quality PLRM. CS_OFFL_SIR_NOPN_2_20220806T171914_20220806T172312_C001 OCOG Altimeter Range Quality PLRM. CS_OFFL_SIR_NOPN_2_20220806T171914_20220806T172312_C001 OCOG Altimeter Range Quality PLRM. CS_OFFL_SIR_NOPN_2_20220806T172414_20220806T172332_C001 OCOG Altimeter Range Quality PLRM. CS_OFFL_SIR_NOPN_2_20220806T180138_20220806T180300_C001 OCOG Altimeter Range Quality PLRM. COCOG Backscatter Quality PLRM. COCOG Altimeter Range Quality PLRM. COCOG Altimeter Range SSHA, SWH and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220806T195056_2022806T195221_C001 OCOG Altimeter Range Quality PLRM. COCOG Backscatter Quality PLRM. COCOG Altimeter Range Quality PLRM. COCOG Backscatter Quality PLRM. COCOG Backscatter Quality PLRM. COCOG Backscatter Quality PLRM. COCOG Backscatter Quality PLRM. COCOG Range and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220806T20162 2022806T20162 2022806T20167 2022806T20168 2022806T20168 2022806T20168 2022806T20168 2022806T20168 2022806T20168 2022806T20168 2022806T20168 2022806T2016	CS_OFFL_SIR_NOPN_2_20220806T165902_20220806T170210_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20220806T171914_20220806T172313_C001 CS_OFFL_SIR_NOPN_2_20220806T172414_20220806T172313_C001 CS_OFFL_SIR_NOPN_2_20220806T172414_20220806T172333_C001 CS_OFFL_SIR_NOPN_2_20220806T172414_20220806T172335_C001 CS_OFFL_SIR_NOPN_2_20220806T180135_20220806T180300_C001 CS_OFFL_SIR_NOPN_2_20220806T180135_20220806T180300_C001 CS_OFFL_SIR_NOPN_2_20220806T180445_20220806T180300_C001 CS_OFFL_SIR_NOPN_2_20220806T180445_20220806T180548_C001 CS_OFFL_SIR_NOPN_2_20220806T180445_20220806T18038_C001 CS_OFFL_SIR_NOPN_2_20220806T180107_20220806T181388_C001 CS_OFFL_SIR_NOPN_2_20220806T180107_20220806T181388_C001 CS_OFFL_SIR_NOPN_2_20220806T180445_20220806T180548_C001 CS_OFFL_SIR_NOPN_2_20220806T180445_20220806T180548_C001 CS_OFFL_SIR_NOPN_2_20220806T180445_20220806T180548_C001 CS_OFFL_SIR_NOPN_2_20220806T180107_20220806T181388_C001 CS_OFFL_SIR_NOPN_2_20220806T180445_20220806T180548_C001 CS_OFFL_SIR_NOPN_2_20220806T180445_20220806T180548_C001 CS_OFFL_SIR_NOPN_2_20220806T180445_20220806T180548_C001 CS_OFFL_SIR_NOPN_2_20220806T180445_20220806T180548_C001 CS_OFFL_SIR_NOPN_2_20220806T195556_20220806T195221_C001 CS_OFFL_SIR_NOPN_2_20220806T195566_20220806T195221_C001 CS_OFFL_SIR_NOPN_2_20220806T202337_20220806T203001_C001 CS_OFFL_SIR_NOPN_2_20220806T202337_20220806T203037_C001 CCCG Altimeter Range Quality PLRM. COCG Backscatter Qu	CS_OFFL_SIR_NOPN_2_20220806T170859_20220806T170947_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
GS_OFFL_SIR_NOPN_2_20220806T17914_20220806T172313_0001 and Backscatter Cuality PLRM. OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records set for one or more records. CS_OFFL_SIR_NOPN_2_20220806T172414_20220806T172535_0001 CS_OFFL_SIR_NOPN_2_20220806T180135_20220806T180300_0001 CS_OFFL_SIR_NOPN_2_20220806T180135_20220806T180300_0001 CS_OFFL_SIR_NOPN_2_20220806T180449_20220806T180548_0001 CS_OFFL_SIR_NOPN_2_20220806T180449_20220806T180548_0001 CS_OFFL_SIR_NOPN_2_20220806T180449_20220806T180548_0001 CS_OFFL_SIR_NOPN_2_20220806T18017_20220806T180548_0001 CS_OFFL_SIR_NOPN_2_20220806T18017_20220806T180548_0001 CS_OFFL_SIR_NOPN_2_20220806T18017_20220806T180548_0001 CS_OFFL_SIR_NOPN_2_20220806T18017_20220806T180548_0001 CS_OFFL_SIR_NOPN_2_20220806T180568_20220806T180548_0001 CS_OFFL_SIR_NOPN_2_20220806T180568_20220806T195221_0001 CS_OFFL_SIR_NOPN_2_20220806T195056_20220806T195221_0001 CS_OFFL_SIR_NOPN_2_20220806T202337_20220806T2030001_0001 CS_OFFL_SIR_NOPN_2_20220806T202337_20220806T2030001_0001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T2040125_0001 CCOGA Altimeter Range Quality PLRM. OCOG Backscatter Quality Flags have been set for one or more records The OCOGA Range and Backscatter Quality Flags have been set for one or more records The OCOGA Range and Backscatter Quality Flags have been set for one or more records The OCOGA Range and Backscatter Quality Flags have been set for one or more records The OCOGA Range and Backscatter Quality Flags have been set for one or more records The OCOGA Range and Backscatter Quality Flags have been set for one or more records The OCOGA Range and Backscatter Quality Flags have been set for one or more records The OCOGA Range and Backscatter Quality Flags have been set for one or more records The OCOGA Range and Backscatter Quality Flags have been set for one or more records The OCOGA Range and Backscatter Quality Flags have been set for one or more records The OCOGA Range and Backscatter Quality Flags have been set	CS_OFFL_SIR_NOPN_2_20220806T171827_20220806T171911_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20220806T180135_20220806T180300_C001 CS_OFFL_SIR_NOPN_2_20220806T180135_20220806T180300_C001 CS_OFFL_SIR_NOPN_2_20220806T180135_20220806T180548_C001 CS_OFFL_SIR_NOPN_2_20220806T180445_20220806T180548_C001 CS_OFFL_SIR_NOPN_2_20220806T18017_20220806T181238_C001 CS_OFFL_SIR_NOPN_2_20220806T181017_20220806T181238_C001 CS_OFFL_SIR_NOPN_2_20220806T18056_20220806T185221_C001 CS_OFFL_SIR_NOPN_2_20220806T195056_20220806T195221_C001 CS_OFFL_SIR_NOPN_2_20220806T195056_20220806T195221_C001 CS_OFFL_SIR_NOPN_2_20220806T202937_20220806T203001_C001 CS_OFFL_SIR_NOPN_2_20220806T202937_20220806T203001_C001 CS_OFFL_SIR_NOPN_2_20220806T202937_20220806T203001_C001 CS_OFFL_SIR_NOPN_2_20220806T202937_20220806T203001_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T204125_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T204125_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T203037_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T200301_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T200301_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T200301_C001 CS_OFFL_SIR_NOPN_2_20220806T200301_C001 C	CS_OFFL_SIR_NOPN_2_20220806T171914_20220806T172313_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20220806T18045_20220806T180548_C001 CS_OFFL_SIR_NOPN_2_20220806T18045_20220806T180548_C001 CS_OFFL_SIR_NOPN_2_20220806T181017_20220806T181238_C001 CS_OFFL_SIR_NOPN_2_20220806T181017_20220806T181238_C001 CS_OFFL_SIR_NOPN_2_20220806T195056_20220806T195221_C001 CS_OFFL_SIR_NOPN_2_20220806T195056_20220806T195221_C001 CS_OFFL_SIR_NOPN_2_20220806T202937_20220806T203001_C001 CS_OFFL_SIR_NOPN_2_20220806T202937_20220806T203001_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T204125_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T204125_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T204048_20408_204	CS_OFFL_SIR_NOPN_2_20220806T172414_20220806T172535_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20220806T181017_20220806T181238_C001 CS_OFFL_SIR_NOPN_2_20220806T181017_20220806T181238_C001 CS_OFFL_SIR_NOPN_2_20220806T195056_20220806T195221_C001 CS_OFFL_SIR_NOPN_2_20220806T195056_20220806T195221_C001 CS_OFFL_SIR_NOPN_2_20220806T20337_20220806T203001_C001 CS_OFFL_SIR_NOPN_2_20220806T202337_20220806T203001_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T204125_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T204125_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T20337_C001 CS_OFFL_SIR_NOPN_2_20220806T20147_20220806T20337_C001 CS_OFFL_SIR_NOPN_2_20220806T20147_20220806T20339_C001 CS_OFFL_SIR_NOPN_2_20220806T20147_20220806T20339_C001 CS_OFFL_SIR_NOPN_2_20220806T20147_20220806T20039_C001 CS_OFFL_SIR_NOPN_2_20220806T20147_20220806T20039_C001 CS_OFFL_SIR_NOPN_2_20220806T20147_20220806T20039_C001 CS_OFFL_SIR_NOPN_2_20220806T20147_20220806T20039_C001 CS_OFFL_SIR_NOPN_2_20220806T20147_20220806T20039_C001 CS_OFFL_SIR_NOPN_2_20220806T20147_20220806T20039_C001 CS_OFFL_SIR_NOPN_2_20220806T200147_20220806T20039_C001 CS_OFFL_SIR_NOPN_2_20220806T200147_20220806T20039_C001 CS_OFFL_SIR_NOPN_2_20220806T200147_20220806T20039_C001 CS_OFFL_SIR_NOPN_2_20220806T200147_20220806T20039_C001 CS_OFFL_SIR_NOPN_2_20220806T200147_20220806T20039_C001 CS_OFFL_SIR_NOPN_2_20220806T200147_20220806T20039_C001 CCS_OFFL_SIR_NOPN_2_20220806T200147_20220806T20039_C001 CCS_OFFL_SIR_NOPN_2_20220806T200147_20220806T20039_C001 CCS_OFFL_SIR_NOPN_2_20220806T200147_20220806T20039_C001 CCS_OFFL_SIR_NOPN_2_20220806T200147_20220806T20039_C001 CCS_OFFL_SIR_NOPN_2_20220806T200147_20220806T20039_C001 CCS_OFFL_SIR_NOPN_2_20220806T200365_20220806T20039_C001 CCS_OFFL_SIR_NOPN_2_20220806T200365_20220806T20039_C001 CCS_OFFL_SIR_NOPN_2_20220806T200365_20220806T20039_C001 CCS_OFFL_SIR_NOPN_2_20220806T20047_20220806T20039_C001 CCS_OFFL_SIR_NOPN_2_20220806T20047_20220806T20039_C001 CCS_OFFL_SIR_NOPN_2_20220806T20047_20220806T20039_C001 CCS_OFFL_SIR_NOPN_2_20220806T20047_20220806T20039_C001 CCS_OFFL_SIR_NOPN_2_2022	CS_OFFL_SIR_NOPN_2_20220806T180135_20220806T180300_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
OCOG Backscatter Quality CS_OFFL_SIR_NOPN_2_20220806T195056_20220806T195221_C001 CS_OFFL_SIR_NOPN_2_20220806T195056_20220806T195221_C001 CS_OFFL_SIR_NOPN_2_20220806T202937_20220806T203001_C001 CS_OFFL_SIR_NOPN_2_20220806T202937_20220806T203001_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T203001_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T204125_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T204125_C001 CS_OFFL_SIR_NOPN_2_20220806T212928_20220806T204125_C001 CS_OFFL_SIR_NOPN_2_20220806T212928_20220806T213037_C001 CS_OFFL_SIR_NOPN_2_20220806T212928_20220806T213037_C001 CS_OFFL_SIR_NOPN_2_20220806T212928_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_20220806T220147_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_20220806T220147_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_20220806T220336_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_202208	CS_OFFL_SIR_NOPN_2_20220806T180445_20220806T180548_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20220806T195056_20220806T195221_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220806T202937_20220806T203001_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T203001_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T204125_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T204125_C001 CS_OFFL_SIR_NOPN_2_20220806T212928_20220806T213037_C001 CS_OFFL_SIR_NOPN_2_20220806T212928_20220806T213037_C001 CS_OFFL_SIR_NOPN_2_20220806T22028_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_20220806T220147_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_20220806T220536_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_20220806T220536_20220806T220651_C001 CS_OFFL_SIR_NOPN_2_20220806T220536_20220806T20	CS_OFFL_SIR_NOPN_2_20220806T181017_20220806T181238_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T204125_C001 CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T204125_C001 CS_OFFL_SIR_NOPN_2_20220806T212928_20220806T213037_C001 CS_OFFL_SIR_NOPN_2_20220806T212928_20220806T213037_C001 CS_OFFL_SIR_NOPN_2_20220806T212928_20220806T213037_C001 CS_OFFL_SIR_NOPN_2_20220806T220247_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_20220806T220147_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_20220806T220147_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_20220806T220536_20220806T220651_C001 CS_OFFL_SIR_NOPN_2_20220806T220536_20220806T220651_C001 CCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatte	CS_OFFL_SIR_NOPN_2_20220806T195056_20220806T195221_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20220806T212928_20220806T213037_C001 CS_OFFL_SIR_NOPN_2_20220806T220147_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_20220806T220147_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_20220806T220147_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_20220806T220536_20220806T220651_C001 CS_OFFL_SIR_NOPN_2_20220806T200536_20220806T220651_C001 CS_OFFL_SIR_NOPN_2_20220806T220536_20220806T220651_C001 CS_OFFL_SIR_NOPN_2_20220806T220536_20220806T220651_C001 CS_OFFL_SIR_NOPN_2_20220806T220536_2020806T220651_C	CS_OFFL_SIR_NOPN_2_20220806T202937_20220806T203001_C001	OCOG Altimeter Range Quality PLRM,	The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20220806T220147_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_20220806T220147_20220806T220239_C001 CS_OFFL_SIR_NOPN_2_20220806T220536_20220806T220651_C001 CS_OFFL_SIR_NOPN_2_20220806T220536_20220806T220651_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter	CS_OFFL_SIR_NOPN_2_20220806T204028_20220806T204125_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_202208061220147_202208061220239_C001 OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags	CS_OFFL_SIR_NOPN_2_20220806T212928_20220806T213037_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags OCOG Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags	CS_OFFL_SIR_NOPN_2_20220806T220147_20220806T220239_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
and Backscatter Quality PLRM, OCOG. The Ocean Allimeter Range, SSHA, SWH and backscatter Quality Flags	CS_OFFL_SIR_NOPN_2_20220806T220536_20220806T220651_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20220806T225835_20220806T230250_C001 and the OCOG Altimeter Range and Backscatter Quality PLRM and the OCOG Altimeter Range and Backscatter Quality PLRM and the OCOG Altimeter Range and Backscatter Quality PLRM	CS_OFFL_SIR_NOPN_2_20220806T225835_20220806T230250_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CS_OFFL_SIR_NOPN_2_20220806T230829_20220806T230953_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_20220806T233242_20220806T233326_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_20220806T234802_20220806T235000_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_20220806T000005_20220806T000343_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_20220806T004235_20220806T004946_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_20220806T013751_20220806T014432_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_20220806T015718_20220806T015932_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_20220806T022150_20220806T022927_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_20220806T024824_20220806T024901_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_20220806T032307_20220806T032441_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_20220806T035124_20220806T035145_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_20220806T035552_20220806T035604_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_20220806T041317_20220806T041339_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_20220806T044347_20220806T044504_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_20220806T045720_20220806T045927_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_20220806T053856_20220806T054737_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_20220806T080231_20220806T080430_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_20220806T081517_20220806T081853_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_20220806T085308_20220806T085347_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_20220806T094053_20220806T094408_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_20220806T095401_20220806T095753_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_20220806T105335_20220806T105343_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_20220806T112003_20220806T112353_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_20220806T113330_20220806T113709_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_20220806T121332_20220806T121443_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_20220806T125732_20220806T130432_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

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CS_OFFL_SIR_NOPR_2_20220806T142012_20220806T142420_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_20220806T175917_20220806T180134_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_20220806T181239_20220806T181511_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_20220806T193732_20220806T194110_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_20220806T195222_20220806T195344_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_20220806T201910_20220806T202032_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_20220806T202146_20220806T202326_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_20220806T202818_20220806T202848_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_20220806T211654_20220806T212058_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_20220806T213038_20220806T213316_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_20220806T213900_20220806T214256_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_20220806T225613_20220806T225834_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_20220806T230953_20220806T231332_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_20220806T235207_20220806T235959_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

L2 Quality Flags (1 Hz & 1 Hz PLRM)

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

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

Number of products with errors:

188

5.7 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20 Hz)

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

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

Number of products with errors:

L2 Retracking Flags (20 Hz PLRM)

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

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

Number of products with errors: 13

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	158	157	4	153	0
SIR_NOPR1B	113	113	0	113	0
SIR_NOPN1B	110	110	0	110	0
SIR_NOPM_2	167	166	105	61	0
SIR_NOPR_2	113	113	39	74	0
SIR_NOPN_2	110	110	45	64	1

7.1 QCC Errors

Number of QCC reports with errors:

Total number of occurrences of each error

Product Type RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR NOPN 2 1	1	1	1							

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

7.2 QCC Warnings

Number of QCC reports with warnings

1752

	Total number of occurrences of each warning								
Product Type	Product Type BCSHNCDF IOHHMOOR MV		MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD		
SIR_NOPM1B	153	0	0	0	0	0	0		
SIR_NOPM_2	0	0	48	46	1	43	0		
SIR_NOPN1B	107	0	0	0	0	0	0		
SIR_NOPN_2	0	1	12	34	6	24	26		
SIR_NOPR1B	110	0	0	0	0	0	0		
SIR_NOPR_2	0	0	37	41	1	41	29		

Product Type	RBSZOPOEPNCDF	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNC	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	37	1	38	0	0	0	0
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	16	0	0	0	20	0	29
SIR_NOPR1B	0	0	0	0	0	0	0
SIR NOPR 2	17	0	0	42	0	49	0

	Product Type	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF
Ī	SIR_NOPM1B	0	0	0	0	0	0	0
	SIR_NOPM_2	33	0	0	4	35	0	2
	SIR_NOPN1B	0	0	0	0	0	0	0
	SIR_NOPN_2	0	0	26	13	44	56	26
	SIR_NOPR1B	0	0	0	0	0	0	0
	SIR NOPR 2	0	37	0	0	61	40	5

Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF	-
SIR_NOPM1B	0	0	0	0	0	0	
SIR_NOPM_2	39	0	1	0	0	0	
SIR_NOPN1B	0	0	0	0	48	1	
SIR_NOPN_2	27	27	8	2	0	0	
SIR_NOPR1B	0	0	0	0	113	6	
SIR NOPR 2	40	48	0	1	0	0	

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

7.3 Missing QCC Reports

Number of products with missing QCC reports:

Product name

CS_OFFL_SIR_NOPM1B_20220807T000000_20220807T003518_C001

CS_OFFL_SIR_NOPM_2_20220807T000000_20220807T003518_C001