



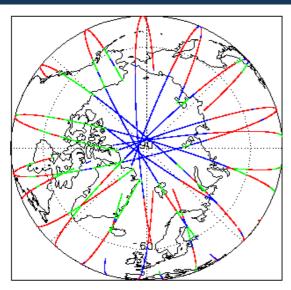
1. Overview

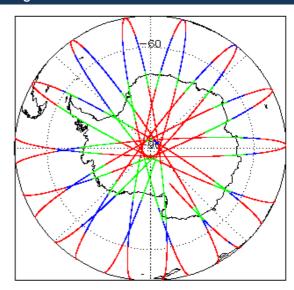
Report Production:	25-Oct-2022	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data	

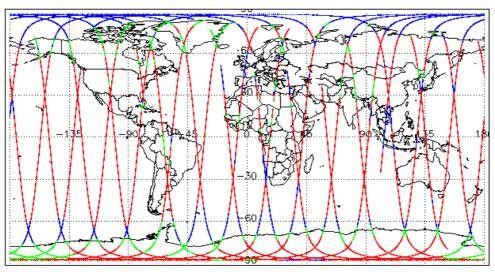
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 5.4
Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5
Measurement Quality Flag Check	See Section 5.6
Ocean Retracking Quality Check	See Section 5.7
QCC Error/ Warning Check	See Section 7.1, 7.2

Mission / Inst	Mission / Instrument News		
23-Oct-2022	None		
24-Oct-2022	None		
25-Oct-2022	Nothing planned		

2. Global Coverage









3. Instrument Configuration

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

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

4. NOP Level 1B Data Quality Check

4.1 L1B Product Format Check

4.2 L1B Product Header Analysis

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

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

Number of products with errors:

4.3 L1B Auxilary Data File Usage Check

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

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

Number of products with errors:

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:

^

2

4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20221024T014440_20221024T014919_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20221024T230425_20221024T231807_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:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20221024T000047_20221024T000757_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20221024T093658_20221024T095903_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20221024T231843_20221024T232049_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221024T033937_20221024T034013_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221024T043015_20221024T043126_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221024T084137_20221024T084215_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221024T105542_20221024T110157_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221024T115530_20221024T115738_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221024T164540_20221024T164614_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221024T200237_20221024T200325_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221024T200405_20221024T200423_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221024T200431_20221024T200611_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20221024T214624_20221024T214726_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20221024T001639_20221024T002325_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20221024T071033_20221024T071103_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20221024T210358_20221024T211027_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20221024T224249_20221024T224524_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20221024T234704_20221024T235414_C001	Loss of Echo	The tracking echo is missing for one or more records

5. NOP Level 2 Data Quality Check

5.1 L2 Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a NetCDF product file (.nc).

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

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

Number of products with errors:

0

5.4 L2 Auxiliary Correction Error Check

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

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

- > ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric 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:

	I	I
Product CS_OFFL_SIR_NOPM_2_20221024T063803_20221024T064948_C001		Description There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT and 2: FES) and the Non-equilibrium Long Period Ocean Tide height
CS OFFL SIR NOPM 2 20221024T163328 20221024T163503 C001	Equilibrium Long Period Ocean Tide Mean Dynamic Topography (1)	for one or more records There is an error with the Mean Dynamic Topography height for one or
CS_OFFL_SIR_NOPM_2_20221024T230425_20221024T231807_C001	Mean Dynamic Topography (1)	more records There is an error with the Mean Dynamic Topography height for one or
CS OFFL SIR NOPN 2 20221024T010119 20221024T010421 C001	Mean Dynamic Topography (1)	more records There is an error with the Mean Dynamic Topography height for one or
CS OFFL SIR NOPN 2 20221024T015131 20221024T015502 C001	Mean Dynamic Topography (1)	more records There is an error with the Mean Dynamic Topography height for one or
		more records There is an error with the Total Geocentric Ocean Tide height (solution 1:
CS_OFFL_SIR_NOPN_2_20221024T032710_20221024T033156_C001	Total Geocentric Ocean Tide (GOT)	GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20221024T033937_20221024T034013_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_20221024T060704_20221024T061008_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_20221024T074011_20221024T074319_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_20221024T074605_20221024T074949_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_20221024T092044_20221024T092318_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_20221024T101555_20221024T101713_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_20221024T102106_20221024T102233_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_20221024T105542_20221024T110157_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_20221024T115530_20221024T115738_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_20221024T123807_20221024T123943_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_20221024T133445_20221024T133930_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_20221024T142625_20221024T142857_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_20221024T155725_20221024T160116_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_20221024T164753_20221024T164848_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_20221024T173709_20221024T174022_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_20221024T174537_20221024T174651_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_20221024T191428_20221024T191852_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_20221024T192441_20221024T192559_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_20221024T200431_20221024T200611_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_20221024T210211_20221024T210358_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_20221024T214624_20221024T214726_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_20221024T215253_20221024T215344_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records

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
Mean Sea Surface (1), Mean Dynamic Fopography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
Mean Sea Surface (1), Mean Dynamic Fopography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
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
Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
Mean Sea Surface (1), Mean Dynamic Fopography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
Mean Sea Surface (1), Mean Dynamic Fopography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
	There is an error with the Mean Dynamic Topography height for one or more records
Mean Sea Surface (1), Mean Dynamic Fopography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
Mean Sea Surface (1), Mean Dynamic Fopography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
Mean Sea Surface (1), Mean Dynamic Fopography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
Mean Sea Surface (1), Mean Dynamic Городгарhy (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
Mean Sea Surface (1), Mean Dynamic Fopography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
	opography (1) Itean Sea Surface (1), Mean Dynamic opography (1)

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:

3

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20221024T014440_20221024T014919_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_NOPM_2_20221024T120437_20221024T121058_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_NOPM_2_20221024T230425_20221024T231807_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_20221024T000047_20221024T000757_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_20221024T000919_20221024T001126_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_20221024T003935_20221024T005926_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_20221024T010421_20221024T010820_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_20221024T010827_20221024T010835_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_20221024T011549_20221024T014316_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_20221024T021516_20221024T023845_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_20221024T024211_20221024T024735_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_20221024T024742_20221024T025107_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_20221024T025500_20221024T032710_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_20221024T034057_20221024T034141_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_20221024T035132_20221024T041118_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_20221024T041403_20221024T041807_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_20221024T042213_20221024T043014_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_20221024T043554_20221024T050729_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_20221024T051959_20221024T052151_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_20221024T054950_20221024T055612_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_20221024T060148_20221024T060703_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_20221024T061421_20221024T063517_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_20221024T063803_20221024T064948_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_20221024T065853_20221024T070341_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_20221024T071127_20221024T071601_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_20221024T071811_20221024T072410_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_20221024T072558_20221024T073547_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_20221024T074320_20221024T074605_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_20221024T075326_20221024T081923_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_20221024T082038_20221024T082248_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_20221024T082317_20221024T082800_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_20221024T084105_20221024T084137_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_20221024T084216_20221024T084909_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_20221024T084926_20221024T091342_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_20221024T092319_20221024T092513_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_20221024T092728_20221024T093010_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_20221024T093242_20221024T093608_C001	Ocean Altimeter Range, SSHA, SWH 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
CS_OFFL_SIR_NOPM_2_20221024T093658_20221024T095903_C001	Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	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
CS_OFFL_SIR_NOPM_2_20221024T102233_20221024T103820_C001	Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20221024T104439_20221024T105541_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	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_20221024T110157_20221024T110431_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_20221024T110453_20221024T110920_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_20221024T111224_20221024T112606_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_20221024T112746_20221024T113029_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_20221024T120104_20221024T120315_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_20221024T120437_20221024T121058_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_20221024T121310_20221024T123556_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_20221024T123943_20221024T124834_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_20221024T125210_20221024T131447_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_20221024T132042_20221024T132433_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_20221024T134147_20221024T141519_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_20221024T143130_20221024T145506_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_20221024T145517_20221024T145535_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_20221024T150628_20221024T150854_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_20221024T152327_20221024T155301_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_20221024T160116_20221024T160704_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_20221024T161031_20221024T161558_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_20221024T161653_20221024T162424_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_20221024T164615_20221024T164753_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_20221024T165948_20221024T173250_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_20221024T174023_20221024T174536_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 20221024T175223 20221024T175631 C001	Ocean Altimeter Range, SSHA, SWH 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 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags
CS_OFFL_SIR_NOPM_2_20221024T180219_20221024T180640_C001	and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPM_2_20221024T182255_20221024T182704_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_20221024T183714_20221024T184830_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_20221024T185116_20221024T191224_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_20221024T192031_20221024T192441_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_20221024T193012_20221024T194854_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_20221024T194950_20221024T195355_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_20221024T201918_20221024T202359_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_20221024T202538_20221024T205132_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_20221024T205357_20221024T205924_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_20221024T211028_20221024T212257_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_20221024T212337_20221024T214049_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_20221024T215813_20221024T215952_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_20221024T220417_20221024T221352_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_20221024T221555_20221024T223026_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_20221024T223325_20221024T223821_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_20221024T224724_20221024T225944_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_20221024T230425_20221024T231807_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_20221024T231843_20221024T232049_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_20221024T233909_20221024T234704_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_20221024T235519_20221025T000908_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_20221024T104033_20221024T104056_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_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_20221024T070737_20221024T070852_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_20221024T072410_20221024T072557_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_20221024T075058_20221024T075326_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_20221024T115739_20221024T115835_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_20221024T163642_20221024T163644_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_20221024T192024_20221024T192031_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_20221024T212257_20221024T212337_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_20221024T214726_20221024T215253_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

L2 Quality Flags (20 Hz PLRM)

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20221023T235924_20221024T000047_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_20221024T000757_20221024T000919_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_20221024T010119_20221024T010421_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_20221024T014317_20221024T014439_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_20221024T015131_20221024T015502_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_20221024T020503_20221024T020626_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_20221024T024053_20221024T024210_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_20221024T025107_20221024T025228_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_20221024T032710_20221024T033156_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_20221024T052333_20221024T052456_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_20221024T053730_20221024T053914_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_20221024T054125_20221024T054230_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_20221024T060022_20221024T060148_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_20221024T071601_20221024T071811_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_20221024T074605_20221024T074949_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_20221024T083714_20221024T084050_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_20221024T084137_20221024T084215_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

COUNTY OF HOME AND PROPERTY TO	CS_OFFL_SIR_NOPN_2_20221024T092044_20221024T092318_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records
Dec. OFFL. SPR. NOPN 2_2022104119030_20221024110040_0001 DOOD Allemone Runge housing in Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge housing in Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Quality Runge have been set for one of DOOD Allemone Runge (Dood) Park The OCOOD Range and Receasable Qualit	CS_OFFL_SIR_NOPN_2_20221024T100049_20221024T100306_C001		
Col. CPFL_SR_NCPPL_2_0020164711950_2020124712909_0000	CS_OFFL_SIR_NOPN_2_20221024T102106_20221024T102233_C001		
CS_OFFL_SRI_NOPN_2_3021024T115805_8221824T100104_C001 CS_OFFL_SRI_NOPN_2_3021024T115805_8221824T100104_C001 CS_OFFL_SRI_NOPN_2_3021024T115805_8221824T100104_C001 CS_OFFL_SRI_NOPN_2_3021024T115805_8221824T100104_C001 CS_OFFL_SRI_NOPN_2_3021024T115805_8221824T100104_C001 CS_OFFL_SRI_NOPN_2_3021024T115805_8221824T100104_C001 CS_OFFL_SRI_NOPN_2_3021024T115805_8221824T100104_C001 CS_OFFL_SRI_NOPN_2_3021024T115805_8221824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T116805_8221824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T116805_8221824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T116805_8221824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E0221824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T100104_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T10011_E021824T100104_C001 CS_OFFL_SRI_NOPN_2_30221024T10011_E021824T200004_C001 CS_OFFL_SRI_NOPN_2_30221024T10011_E021824T200004_C001 CS_OFFL_SRI_NOPN_2_30221024T10011_E021824T200004_C001 CS_OFFL_SRI_NOPN_2_30221024T10011_E021824T200004_C001 CS_OFFL_SRI_NOPN_2_30221024T10011_E021824T200004_C001 CS_OFFL_SRI_NOPN_2_30221024T10011_E021824T200004_C001 CS_OFFL_SRI_NOPN_2_30221024T10011_E021824T200004_C001 CS_OFFL_SRI_NOPN_2_30221024T10011_E021824T200	CS_OFFL_SIR_NOPN_2_20221024T104333_20221024T104439_C001		
CS_OFFL_SIR_NOPN_2_20221024T191023_2022104T190472_C001 CS_OFFL_SIR_NOPN_2_20221024T191023_2022104T190402_C001 CS_OFFL_SIR_NOPN_2_20221024T191023_2022104T190402_C001 CS_OFFL_SIR_NOPN_2_20221024T191023_2022104T190402_C001 CS_OFFL_SIR_NOPN_2_20221024T191023_2022104T190402_C001 CS_OFFL_SIR_NOPN_2_20221024T190402_2022104T190500_C001 CS_OFFL_SIR_NOPN_2_20221024T190402_2022104T190500_C001 CS_OFFL_SIR_NOPN_2_20221024T190402_2022104T190500_C001 CS_OFFL_SIR_NOPN_2_20221024T190402_2022104T190500_C001 CS_OFFL_SIR_NOPN_2_2022104T190404_2022104T190500_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T190500_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T190500_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T190500_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T190500_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T190500_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T190500_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T1905000_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T1905000_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T1905000_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T1905000_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T1905000_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T1905000_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T1905000_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T1905000_C001 CS_OFFL_SIR_NOPN_2_2022104T104041_2022104T1905000	CS_OFFL_SIR_NOPN_2_20221024T115530_20221024T115738_C001		
DOCO Badecaster Causty P. Fast. The ODOC Badecaster Causty Fings have been set for one or more records CS_OFF_SIR_NOPN_2_20221024T131434_50221024T13250_C001 ODOC Badecaster Causty F. Fast. The ODOC Badecaster Causty F. Fast have been set for one or more records CS_OFF_SIR_NOPN_2_20221024T131445_50221024T13250_C001 ODOC Badecaster Causty F. Fast. DOCO Badecaster Causty F. Fast. The ODOC Barge and Badecaster Causty Fings have been set for one or more records The ODOC Badecaster Causty F. Fast. The ODOC Badecaster Ca	CS_OFFL_SIR_NOPN_2_20221024T115835_20221024T120104_C001		
OCOS Backscatter Coulty OCOS Backscatter Coulty CS_OFIL_SIR_NOPIL_2.002/10241130145_2012/1024114999_C001 OCOS Backscatter Coulty CS_OFIL_SIR_NOPIL_2.002/1024114999_2.002/1024114999_C001 OCOS Backscatter Coulty CS_OFIL_SIR_NOPIL_2.002/1024114999_2.002/1024114999_C001 OCOS Backscatter Coulty CS_OFIL_SIR_NOPIL_2.002/1024114999_2.002/1024114999_C001 OCOS Backscatter Coulty CS_OFIL_SIR_NOPIL_2.002/1024114999_2.002/1024116979_2.002/1024116979_C001 OCOS Backscatter Coulty CS_OFIL_SIR_NOPIL_2.002/1024116979_2.002/1024116979_C001 OCOS Backscatter Coulty Plank, DCOG Affiniter Brange and Backscatter County Plank off Backscatter County Plank, DCOG Affiniter Brange and Backscatter County Plank off Backscatter County Plank, DCOG Affiniter Brange and Backscatter County Plank off Backscatter County Plank, DCOG Affiniter Brange and Backscatter County Plank off Backscatter County Plank OCOG Backscatter Count	CS_OFFL_SIR_NOPN_2_20221024T120315_20221024T120437_C001		
CS_OFFL_SIR_NOPN_2_20221024T192525_20221024T192555_CODI COOG Allimeter Range Augusty FLRM. CS_OFFL_SIR_NOPN_2_20221024T195725_	CS_OFFL_SIR_NOPN_2_20221024T131523_20221024T131814_C001		
OCOG Backcaster Quality PLRM. CS. OFFL SIR NOPN 2. 20221024T195765. 20221024T19518 (2001) All materials Range and Backcaster Quality Plags have been as for one or more records. CS. OFFL SIR NOPN 2. 20221024T190741 20221024T198784. C001 CS. OFFL SIR NOPN 2. 20221024T19745. 20221024T198289 (2001) CS. OFFL SIR NOPN 2. 20221024T19745. 20221024T198289 (2001) CS. OFFL SIR NOPN 2. 20221024T192441 20221024T192899 (2001) CS. OFFL SIR NOPN 2. 20221024T192441 20221024T192899 (2001) CS. OFFL SIR NOPN 2. 20221024T200237 20221024T192899 (2001) CS. OFFL SIR NOPN 2. 20221024T200235 2001 CS. OFFL SIR NOPN 2. 20221024T200247 20021024T20035 2001 CS. OFFL SIR NOPN 2. 20221024T200247 20021024T20035 2001 CS. OFFL SIR NOPN 2. 20221024T200247 20021024T20035 2001 CS. OFFL SIR NOPN 2. 20221024T210035 2001 CS. OF	CS_OFFL_SIR_NOPN_2_20221024T133445_20221024T133930_C001		
and Backscatter Quality P.F.B.N. COOR Alternoter Range SSHA. SWH and Backscatter Quality P.G. Cooperation of the Cooperation of	CS_OFFL_SIR_NOPN_2_20221024T142625_20221024T142857_C001	OCOG Backscatter Quality	
and Backscatter Quality PLRM, COCG Allimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20221024T18041_20221024T180718_C001 CS_OFFL_SIR_NOPN_2_20221024T18041_20221024T180718_C001 CS_OFFL_SIR_NOPN_2_20221024T18041_20221024T18034_C001 CS_OFFL_SIR_NOPN_2_20221024T18041_20221024T18034_C001 CS_OFFL_SIR_NOPN_2_20221024T19041_20221024T192559_C001 CS_OFFL_SIR_NOPN_2_20221024T19041_20221024T192592_C001 CS_OFFL_SIR_NOPN_2_20221024T200237_20221024T200329_C001 CS_OFFL_SIR_NOPN_2_20221024T200237_20221024T200329_C001 CS_OFFL_SIR_NOPN_2_20221024T200237_20221024T200329_C001 CS_OFFL_SIR_NOPN_2_20221024T20049_20221024T200329_C001 CS_OFFL_SIR_NOPN_2_20221024T20049_20221024T200329_C001 CS_OFFL_SIR_NOPN_2_20221024T20049_20221024T200329_C001 CCS_OFFL_SIR_NOPN_2_20221024T20049_20221024T200329_C001 CCS_OFFL_SIR_NOPN_2_20221024T20049_20221024T200329_C001 CCS_OFFL_SIR_NOPN_2_20221024T20049_20221024T200329_C001 CCS_OFFL_SIR_NOPN_2_20221024T20049_20221024T20049_C00141_20041_200141_200	CS_OFFL_SIR_NOPN_2_20221024T155725_20221024T160116_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20221024T181745_20221024T181834_C001 OCGG Backscatter Quality PLRM. OCGG	CS_OFFL_SIR_NOPN_2_20221024T160705_20221024T160829_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCG Backscatter Quality CS_OFFL_SIR_NOPN_2_20221024T192441_20221024T192559_C001 CS_OFFL_SIR_NOPN_2_20221024T20037_20221024T200325_C001 CS_OFFL_SIR_NOPN_2_20221024T20037_20221024T200325_C001 CS_OFFL_SIR_NOPN_2_20221024T20037_20221024T200325_C001 CS_OFFL_SIR_NOPN_2_20221024T20047_200237_20221024T200325_C001 CS_OFFL_SIR_NOPN_2_20221024T20047_200235_C001 CS_OFFL_SIR_NOPN_2_20221024T20047_200235_C001 CS_OFFL_SIR_NOPN_2_20221024T200431_20221024T200432_C001 CS_OFFL_SIR_NOPN_2_20221024T200431_20221024T200557_C001 CS_OFFL_SIR_NOPN_2_20221024T20536_20221024T205597_C001 CS_OFFL_SIR_NOPN_2_20221024T20536_20221024T205597_C001 CS_OFFL_SIR_NOPN_2_20221024T20536_20221024T205597_C001 CS_OFFL_SIR_NOPN_2_20221024T210211_20221024T210558_C001 CS_OFFL_SIR_NOPN_2_20221024T210241_20221024T210558_C001 CS_OFFL_SIR_NOPN_2_20221024T210241_20221024T21001 CS_OFFL_SIR_NOPN_2_20221024T210241_20221024T21001 CS_OFFL_SIR_NOPN_2_20221024T22044_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223343_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223343_20221024T223325_C001 CS	CS_OFFL_SIR_NOPN_2_20221024T180641_20221024T180718_C001		
and Backscatter Quality PLRM, COCG Altimeter Range and Backscatter Quality PLRM, COCG Backscatt	CS_OFFL_SIR_NOPN_2_20221024T181745_20221024T181834_C001	OCOG Backscatter Quality	
OCOG Backscatter Quality PLRM. OCOG Altimeter Range SSHA. SWH and Backscatter Quality PLRM. OCOG Altimeter Range and Backscatter Quality PLRM. OCOG Altimeter Range SSHA. SWH and Backscatter Quality PLRM. OCOG Altimeter Range and Backscatter Quality PLRM. OCOG Altimeter Range SSHA. SWH and Backscatter Quality Plags 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 Altimeter Range. SSHA. SWH and Backscatter Quality Plags and Backscatter Quality P	CS_OFFL_SIR_NOPN_2_20221024T192441_20221024T192559_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_20221024T200431_20221024T200611_C001 CS_OFFL_SIR_NOPN_2_20221024T205236_20221024T205357_C001 CS_OFFL_SIR_NOPN_2_20221024T205236_20221024T205357_C001 CS_OFFL_SIR_NOPN_2_20221024T210211_20221024T210358_C001 CS_OFFL_SIR_NOPN_2_20221024T210211_20221024T210358_C001 CS_OFFL_SIR_NOPN_2_20221024T210211_20221024T210358_C001 CS_OFFL_SIR_NOPN_2_20221024T214624_20221024T214726_C001 CS_OFFL_SIR_NOPN_2_20221024T214624_20221024T214726_C001 CS_OFFL_SIR_NOPN_2_20221024T214624_20221024T214726_C001 CS_OFFL_SIR_NOPN_2_20221024T215253_20221024T215344_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T220221_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T220221_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T222021_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T2223325_C001 CS_OFFL_SIR_NOPN_2_20221024T22048_20221024T2222448_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T2222448_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T222021_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T2222448_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_20221024T222248_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T222021_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_20221024T222021_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T2201048_20221024T222021_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_2021024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T2230143_2021024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223014	CS_OFFL_SIR_NOPN_2_20221024T200237_20221024T200325_C001		
CS_OFFL_SIR_NOPN_2_20221024T210211_20221024T210358_C001 CS_OFFL_SIR_NOPN_2_20221024T210211_20221024T210358_C001 CS_OFFL_SIR_NOPN_2_20221024T210211_20221024T210358_C001 CS_OFFL_SIR_NOPN_2_20221024T214624_20221024T214726_C001 CS_OFFL_SIR_NOPN_2_20221024T215253_20221024T214726_C001 CS_OFFL_SIR_NOPN_2_20221024T215253_20221024T215344_C001 CS_OFFL_SIR_NOPN_2_20221024T215253_20221024T215344_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T220221_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T2224248_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T2224248_C001 CS_OFFL_SIR_NOPN_2_20221024T22304012021024T2224248_C001 CS_OFFL_SIR_NOPN_2_20221024T22304012021024T2224248_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223248_C001 CS_OFFL_SIR_NOPN_2_20221024T22304012021024T224248_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325	CS_OFFL_SIR_NOPN_2_20221024T200405_20221024T200423_C001		
OCOG Backscatter Quality CS_OFFL_SIR_NOPN_2_20221024T210211_20221024T210358_C001 CS_OFFL_SIR_NOPN_2_20221024T210211_20221024T210358_C001 CS_OFFL_SIR_NOPN_2_20221024T214021_20221024T214726_C001 CS_OFFL_SIR_NOPN_2_20221024T214624_20221024T214726_C001 CS_OFFL_SIR_NOPN_2_20221024T215253_20221024T215344_C001 CS_OFFL_SIR_NOPN_2_20221024T215253_20221024T215344_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T220221_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T22325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T22325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024	CS_OFFL_SIR_NOPN_2_20221024T200431_20221024T200611_C001		
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20221024T214624_20221024T214726_C001 CS_OFFL_SIR_NOPN_2_20221024T2145253_20221024T215344_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T220221_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T224021_20221024T224248_C001 CS_OFFL_SIR_NOPN_2_20221024T224021_20221024T	CS_OFFL_SIR_NOPN_2_20221024T205236_20221024T205357_C001	OCOG Backscatter Quality	
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM DCOG Altimeter Range and Backscatter Quality PLRM and Backscatter Quality PLRM. CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 Altimeter Range Quality PLRM, OCOG Altimeter Range Augustity PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range Augustity PLRM, OCOG	CS_OFFL_SIR_NOPN_2_20221024T210211_20221024T210358_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T220221_C001 OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM, 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_NOPN_2_20221024T214624_20221024T214726_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_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_C001 CS_OFFL_SIR_NOPN_2_20221024T224021_20221024T224248_C001 CS_OFFL_SIR_NOPN_2_20221024T224021_20221024T224248_C001 CS_OFFL_SIR_NOPN_2_20221024T224021_20221024T224248_C001 CS_OFFL_SIR_NOPN_2_20221024T224021_20221024T224248_C001 CS_OFFL_SIR_NOPN_2_20221024T225044_20221024T224248_C001 CS_OFFL_SIR_NOPN_2_20221024T225044_20221024T2230009_C001 CS_OFFL_SIR_NOPN_2_20221024T225044_20221024T230009_C001 CS_OFFL_SIR_NOPN_2_20221024T23004_20221024T230009_C001	CS_OFFL_SIR_NOPN_2_20221024T215253_20221024T215344_C001		
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20221024T224021_20221024T224248_C001 and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range Rang	CS_OFFL_SIR_NOPN_2_20221024T220048_20221024T220221_C001	OCOG Backscatter Quality	
CS_OFFL_SIR_NOPN_2_20221024T224021_20221024T224248_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20221024T224021_20221024T224248_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20221024T225044_20221024T230009_C001 The OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCGG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPN_2_20221024T223143_20221024T223325_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_20221024T224021_20221024T224248_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_20221024T225944_20221024T230009_C001		

CS_OFFL_SIR_NOPN_2_20221024T230040_20221024T230334_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for comore records
CS_OFFL_SIR_NOPN_2_20221024T230334_20221024T230424_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for omore records
CS_OFFL_SIR_NOPN_2_20221024T232049_20221024T232248_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for omore records
CS_OFFL_SIR_NOPR_2_20221024T001639_20221024T002325_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 F and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T003759_20221024T003935_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for omore records
CS_OFFL_SIR_NOPR_2_20221024T011335_20221024T011549_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 F and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T015503_20221024T020213_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 F and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T020213_20221024T020413_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20221024T023845_20221024T024053_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 F and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T025228_20221024T025500_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 F and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T033156_20221024T033937_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 F and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T034937_20221024T035015_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20221024T041807_20221024T042048_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 F and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T043126_20221024T043554_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 Fand the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T052239_20221024T052333_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20221024T052456_20221024T052555_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20221024T053149_20221024T053241_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20221024T055613_20221024T060022_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 F and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T061008_20221024T061421_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 Fland the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T070342_20221024T070725_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20221024T073547_20221024T074011_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 F and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T075058_20221024T075326_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 Fand the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T082943_20221024T083058_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 F and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T091343_20221024T092044_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 Fand the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T103820_20221024T104033_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for more records
CS_OFFL_SIR_NOPR_2_20221024T112606_20221024T112746_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 F and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records

CS_OFFL_SIR_NOPR_2_20221024T114918_20221024T115040_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T115125_20221024T115530_C001	PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20221024T141519_20221024T141744_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_20221024T142857_20221024T143130_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_20221024T155302_20221024T155725_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_20221024T164431_20221024T164525_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_20221024T164848_20221024T165637_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_20221024T173251_20221024T173709_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_20221024T174651_20221024T175222_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_20221024T180108_20221024T180219_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_20221024T182705_20221024T182814_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_20221024T182824_20221024T183610_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_20221024T192600_20221024T193012_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_20221024T200820_20221024T201546_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_20221024T210358_20221024T211027_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_20221024T214726_20221024T215253_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_20221024T220221_20221024T220417_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_20221024T224249_20221024T224524_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_20221024T232629_20221024T233318_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_20221024T234704_20221024T235414_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records

L2 Quality Flags (1 Hz & 1 Hz PLRM)

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

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

Number of products with errors:

5.7 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20 Hz)

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

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

Number of products with errors:

66

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.