







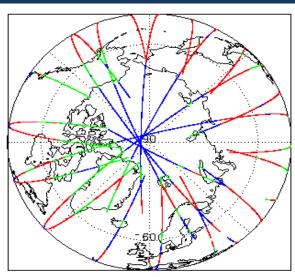
1. Overview

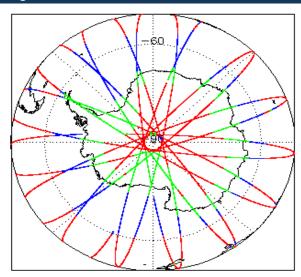
Report Production:	14-Oct-2019	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data	

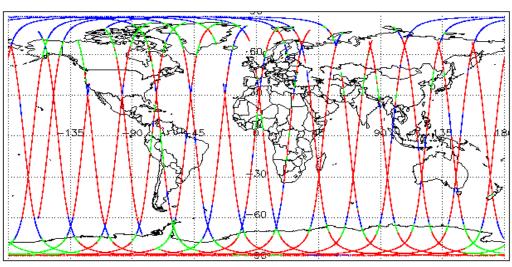
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 5.4
Measurement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

	Mission / Instrument News		
	12-Oct-2019	None	
13-Oct-2019 None		None	
	14-Oct-2019	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

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 binary product file (.DBL).

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 IOPR and IOPN products because the I1b_processing_quality_hr field is not correctly configured in the OSAR and OSARIn chains. A modification is required in the payt release

Number of products with errors:

013.

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:

0

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. This is being investigated and will be updated in the next SW update.

Number of products with errors:

2

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20191013T042824_20191013T044046_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20191013T080920_20191013T081630_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20191013T160001_20191013T160527_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 products over land, but this is to be expected.

Number of products with errors:

17

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20191013T000351_20191013T000631_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20191013T063633_20191013T063854_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20191013T160607_20191013T161645_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20191013T175453_20191013T180956_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20191013T231207_20191013T231301_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191013T032448_20191013T032605_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191013T045948_20191013T050335_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191013T050342_20191013T050517_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191013T055805_20191013T060418_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191013T064003_20191013T064406_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191013T164303_20191013T164424_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191013T200138_20191013T200629_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191013T000631_20191013T001419_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191013T010450_20191013T010858_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191013T040305_20191013T040423_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191013T042123_20191013T042824_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191013T231550_20191013T232350_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 binary product file (.DBL).

Number of products with errors:

0

5.2 L2 Product Header Analysis

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

Number of products with errors:

0

5.3 L2 Auxiliary Data File Usage Check

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

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:

Product	Test Failed	Description
	Manager Conference (4) Manager Damager	The section of the se
CS_OFFL_SIR_NOPM_2_20191013T083048_20191013T083347_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_NOPM_2_20191013T160607_20191013T161645_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_NOPM_2_20191013T182837_20191013T183855_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_NOPM_2_20191013T200629_20191013T201409_C001	Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT and solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_NOPM_2_20191013T231207_20191013T231301_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_20191013T005458_20191013T005814_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_20191013T010326_20191013T010450_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_20191013T014548_20191013T014640_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_20191013T024235_20191013T024341_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_20191013T032448_20191013T032605_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_20191013T050342_20191013T050517_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_20191013T055805_20191013T060418_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_20191013T064003_20191013T064406_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_20191013T081838_20191013T082227_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_20191013T095301_20191013T095920_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_20191013T105729_20191013T105848_C001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide (solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_NOPN_2_20191013T115558_20191013T115631_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_20191013T122730_20191013T122842_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_20191013T123420_20191013T123730_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_20191013T133024_20191013T133151_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_20191013T140712_20191013T140826_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_20191013T141319_20191013T141558_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_20191013T154756_20191013T155031_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_20191013T164303_20191013T164424_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_20191013T172318_20191013T172920_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_20191013T182226_20191013T182439_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_20191013T191541_20191013T191732_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_20191013T200138_20191013T200629_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_20191013T213346_20191013T213454_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_20191013T222425_20191013T222545_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_20191013T222605_20191013T222823_C001	Mean Sea Suriace (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period	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_NOPR_2_20191013T000631_20191013T001419_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_20191013T014640_20191013T015448_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_20191013T032605_20191013T033327_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_20191013T050517_20191013T051037_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_20191013T064406_20191013T064937_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_20191013T064937_20191013T065105_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_20191013T115005_20191013T115211_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_20191013T115631_20191013T115734_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_20191013T170527_20191013T170741_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20191013T213648_20191013T214202_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_20191013T230446_20191013T230650_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_20191013T231016_20191013T231207_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_20191013T231550_20191013T232350_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

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Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20191013T042824_20191013T044046_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_20191013T080920_20191013T081630_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_20191013T160001_20191013T160526_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 (20Hz)

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_20191013T001810_20191013T005054_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_20191013T005815_20191013T010326_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_20191013T010858_20191013T012454_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_20191013T014301_20191013T014428_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_20191013T015448_20191013T022530_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_20191013T022538_20191013T023006_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_20191013T023609_20191013T023814_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_20191013T023820_20191013T024234_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_20191013T024753_20191013T031200_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_20191013T032332_20191013T032448_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_20191013T033439_20191013T033857_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_20191013T033947_20191013T034748_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_20191013T035229_20191013T035444_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.

	Ocean Altimeter Range, SSHA, SWH	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags
CS_OFFL_SIR_NOPM_2_20191013T035456_20191013T040305_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_20191013T040423_20191013T040921_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_20191013T041152_20191013T041712_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_20191013T041731_20191013T041940_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_20191013T042824_20191013T044046_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_20191013T044233_20191013T045114_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_20191013T045241_20191013T045947_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_20191013T050335_20191013T050342_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_20191013T052217_20191013T053148_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_20191013T053350_20191013T054105_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_20191013T054223_20191013T054808_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_20191013T055117_20191013T055612_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_20191013T055616_20191013T055624_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_20191013T055648_20191013T055805_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_20191013T060444_20191013T060739_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_20191013T062213_20191013T062639_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_20191013T062641_20191013T063027_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_20191013T063156_20191013T063510_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_20191013T071218_20191013T072650_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_20191013T073058_20191013T073540_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_20191013T073601_20191013T073725_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_20191013T074313_20191013T080902_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_20191013T083402_20191013T083753_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_20191013T084144_20191013T090557_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_20191013T091039_20191013T091440_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_20191013T091500_20191013T091824_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_20191013T092204_20191013T094820_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_20191013T101700_20191013T101931_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_20191013T101935_20191013T104525_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_20191013T104911_20191013T105353_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_20191013T110250_20191013T113516_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_20191013T114704_20191013T115005_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_20191013T115212_20191013T115358_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_20191013T121946_20191013T122206_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_20191013T124143_20191013T130226_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_20191013T130511_20191013T131644_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_20191013T132626_20191013T133023_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_20191013T134629_20191013T135119_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_20191013T135307_20191013T140244_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_20191013T140827_20191013T141319_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_20191013T142023_20191013T142537_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_20191013T142547_20191013T145635_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_20191013T150712_20191013T150743_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_20191013T151259_20191013T151628_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_20191013T151758_20191013T154057_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_20191013T155031_20191013T155224_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_20191013T160001_20191013T160526_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_20191013T162125_20191013T162852_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_20191013T164424_20191013T164735_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_20191013T164958_20191013T165614_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_20191013T165711_20191013T170527_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_20191013T170843_20191013T172241_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_20191013T173216_20191013T173635_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_20191013T173914_20191013T175313_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_20191013T175453_20191013T180956_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_20191013T182837_20191013T183855_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_20191013T184017_20191013T184245_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_20191013T184900_20191013T190255_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_20191013T190710_20191013T191540_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_20191013T191910_20191013T194041_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_20191013T194845_20191013T195420_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_20191013T201622_20191013T204235_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_20191013T204617_20191013T204811_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_20191013T204904_20191013T205348_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_20191013T205845_20191013T205939_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_20191013T210115_20191013T212258_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_20191013T213454_20191013T213547_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_20191013T215527_20191013T222024_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_20191013T222823_20191013T223418_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_20191013T223741_20191013T230446_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_20191013T231304_20191013T231501_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_20191013T232658_20191013T235941_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_20191013T051811_20191013T052217_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_20191013T063510_20191013T063632_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_20191013T105729_20191013T105848_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_20191013T160716_20191013T160718_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_20191013T184459_20191013T184900_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 (20Hz 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:

Test Failed

Product	Test Failed	Description	
		The OCOG Range and Backscatter Quality Flags have been set for one or more records.	

CS_OFF_SR_NOR_2_2019(13)19046_2019(13)19090_C001 CS_OFF_SR_NOR_2_2019(13)19046_2019(13)19090_C001 CS_OFF_SR_NOR_2_2019(13)19046_2019(13)19040_C001 CS_OFF_SR_NOR_2_2019(13)19046_2019(13)19040_C001 CS_OFF_SR_NOR_2_2019(13)19046_2019(13)19040_C001 CS_OFF_SR_NOR_2_2019(13)19046_2019(13)19040_C001 CS_OFF_SR_NOR_2_2019(13)19046_2019(13)19040_C001 CS_OFF_SR_NOR_2_2019(13)19046_2019(13)19040_C001 CS_OFF_SR_NOR_2_2019(13)19046_2019(13)19040_C001 CS_OFF_SR_NOR_2_2019(13)19040_C001 CS_OFF_SR_NO	CS_OFFL_SIR_NOPN_2_20191013T000302_20191013T000351_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Company Comp	CS_OFFL_SIR_NOPN_2_20191013T001419_20191013T001545_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CB_OFF_SR_NOPL_2_00910370264_2019103703803_ CB_OFF_SR_NOPL_2_00910370264_2019103703803_ CB_OFF_SR_NOPL_2_00910370264_2019103703803_ CB_OFF_SR_NOPL_2_00910370264_2019103703803_ CB_OFF_SR_NOPL_2_00910370264_2019103703803_ CB_OFF_SR_NOPL_2_00910370264_2019103703803_ CB_OFF_SR_NOPL_2_009103703603_2019103703803_ CB_OFF_SR_NOPL_2_009103703603_2019103703803_2019103703803_ CB_OFF_SR_NOPL_2_009103703603_2019103703803_2019103703803_	CS_OFFL_SIR_NOPN_2_20191013T001624_20191013T001810_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
OSC 6Hz-Sill NOPN 2.2699013T002812.2019013T002812.2019013T002812.001 CODE Allements Range Quality PLRM. The CODE Range and Backsouther Quality Flags have been set for one of more or exceeds. CODE Allements Range Quality PLRM. The CODE Range and Backsouther Quality Flags have been set for one of more or exceeds. CODE Allements Range Quality PLRM. The CODE Range and Backsouther Quality Flags have been set for one of more or exceeds. CODE Allements Range Quality PLRM. The CODE Range and Backsouther Quality Flags have been set for one of more or exceeds. CODE Allements Range SNA, SWM and Backsouther Quality Flags have been set for one or exceeds. CODE Allements Range Quality PLRM. CODE Allements Range and Backsouther Quality Flags have been set for one or exceeds. CODE Allements Range SNA, SWM and Backsouther Quality Flags have been set for one or exceeds. CODE Allements Range SNA, SWM and Backsouther Quality Flags have been set for one or exceeds. CODE Allements Range Quality PLRM. CODE Allements Range Quality PLRM. CODE Allements Range Quality PLRM. CODE Allements Range SNA, SWM and Backsouther Quality Flags have been set for one or exceeds. CODE Allements Range Quality PLRM. COD	CS_OFFL_SIR_NOPN_2_20191013T005458_20191013T005814_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_NOPH_2_20191013T028129_2019103T028129_2019103T028129_2019103T028129_2019103T02818_00019_10	CS_OFFL_SIR_NOPN_2_20191013T012454_20191013T012809_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPH_2_20191013T04504_20191013T05035_CO1 CS_OFFL_SIR_NOPH_2_20191013T04504_20191013T05035_CO1 CS_OFFL_SIR_NOPH_2_20191013T050405_20191013T05035_CO1 CS_OFFL_SIR_NOPH_2_20191013T050505_CO19 CS_OFFL_SIR_NOPH_2_20191013T050505_CO19 CS_OFFL_SIR_NOPH_2_20191013T050505_CO19 CS_OFFL_SIR_NOPH_2_20191013T050505_CO19 CS_OFFL_SIR_NOPH_2_20191013T050505_CO19 CS_OFFL_SIR_NOPH_2_20191013T050505_CO19 CS_OFFL_SIR_NOPH_2_20191013T050505_CO19 CS_OFFL_SIR_NOPH_2_20191013T050505_CO19 CS_OFFL_SIR_NOPH_2_20191013T050505_CO19 CS_OFFL_SIR_NOPH_2_20191013T050505_CO191013T050505_CO19 CS_OFFL_SIR_NOPH_2_20191013T050505_CO191013T050505_CO191 CS_OFFL	CS_OFFL_SIR_NOPN_2_20191013T023212_20191013T023609_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Bits	CS_OFFL_SIR_NOPN_2_20191013T032129_20191013T032332_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
one Beschester Cuality PLRM, OCCO Affirmeter Range and Bedescatter Cuality PLRM, OCCO Affirmeter Range and Bedescatter Cuality Plags have been set for one on more records. CS_OFFL_SIR_NOPN_2_20191013T051911_20191013T052217_C001 CS_OFFL_SIR_NOPN_2_20191013T054033_20191013T055217_C001 CS_OFFL_SIR_NOPN_2_20191013T0560419_C001 CS_OFFL_SIR_NOPN_2_20191013T055055_20191013T060419_C001 CS_OFFL_SIR_NOPN_2_20191013T055012_20191013T060419_C001 CS_OFFL_SIR_NOPN_2_20191013T060403_20191013T060419_C001 CS_OFFL_SIR_NOPN_2_20191013T060403_20191013T060405_C001 CS_OFFL_SIR_NOPN_2_20191013T060405_C001 CS_OFFL_SIR_NOPN_2_20191013T1060405_C001 CS_OFFL_SIR_NOPN_2_20191013T1060405_C001 CS_OFFL_SIR_NOPN_2_20191013T1060405_C001 CS_OFFL_SIR_NOPN_2_20191013T1060405_C00101013T1060405_C001 CS_OFFL_SIR_NOPN_2_20191013T1060405_C00101013T1060405_C001 CS_OFFL_SIR_NOPN_2_20191013T1060405	CS_OFFL_SIR_NOPN_2_20191013T041954_20191013T042123_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCOG Baskscater Quality PLRM. OS. OFFL_SIR_NOPN_2_20191013T06483_20191013T06448_C001 OS. OFFL_SIR_NOPN_2_20191013T065805_20191013T06448_C001 OS. OFFL_SIR_NOPN_2_20191013T06493_20191013T06488_C001 OS. OFFL_SIR_NOPN_2_20191013T06493_20191013T06448_C001 OS. OFFL_SIR_NOPN_2_20191013T06648_C001 OS. OFFL_SIR_NOPN_2_20191013T06648_C001 OS. OFFL_SIR_NOPN_2_20191013T06729_20191013T06448_C001 OS. OFFL_SIR_NOPN_2_20191013T06729_20191013T06448_C001 OS. OFFL_SIR_NOPN_2_20191013T06729_20191013T106448_C001 OS. OFFL_SIR_NOPN_2_20191013T113641_C001 OS. OFFL_SIR_NOPN_2_20191013T013T06493_C001 OS. OFFL_SIR_NOPN_2_20191013T013T06448_C001 OS. OFFL_SIR_NOPN_2_20191013T113641_C001 OS. OFFL_SIR_NOPN_2_20191013T113	CS_OFFL_SIR_NOPN_2_20191013T045948_20191013T050335_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OFFL_SIR_NOPN_2_20191013T06403_20191013T06418_C001 CS_OFFL_SIR_NOPN_2_20191013T065805_20191013T06418_C001 CS_OFFL_SIR_NOPN_2_20191013T065805_20191013T06408_C001 CS_OFFL_SIR_NOPN_2_20191013T06403_20191013T06408_C001 CS_OFFL_SIR_NOPN_2_20191013T065082_20191013T06408_C001 CS_OFFL_SIR_NOPN_2_20191013T065082_20191013T064148_C001 CS_OFFL_SIR_NOPN_2_20191013T065082_20191013T064148_C001 CS_OFFL_SIR_NOPN_2_20191013T065082_20191013T064148_C001 CS_OFFL_SIR_NOPN_2_20191013T065082_20191013T064148_C001 CS_OFFL_SIR_NOPN_2_20191013T065082_20191013T064148_C001 CS_OFFL_SIR_NOPN_2_20191013T065082_20191013T064148_C001 CS_OFFL_SIR_NOPN_2_20191013T065082_20191013T064148_C001 CS_OFFL_SIR_NOPN_2_20191013T105708_20191013T065082_C001 CS_OFFL_SIR_NOPN_2_20191013T105708_20191013T1054414_C001 CS_OFFL_SIR_NOPN_2_20191013T105708_20191013T1054414_C001 CS_OFFL_SIR_NOPN_2_20191013T105708_20191013T1054414_C001 CS_OFFL_SIR_NOPN_2_20191013T105708_20191013T1054414_C001 CS_OFFL_SIR_NOPN_2_20191013T105708_20191013T1054414_C001 CS_OFFL_SIR_NOPN_2_20191013T105708_20191013T1054414_C001 CS_OFFL_SIR_NOPN_2_20191013T105708_20191013T105708_C001 CS_OFFL_SIR_NOPN_2_20191013T105708_20191013T105708_C001 CS_OFFL_SIR_NOPN_2_20191013T105708_20191013T105708_C001 CS_OFFL_SIR_NOPN_2_20191013T115718_41_C001 CS_OFFL_SIR_NOPN_2_20191013T115718_41_C001 CS_OFFL_SIR_NOPN_2_20191013T115718_41_C001 C	CS_OFFL_SIR_NOPN_2_20191013T051811_20191013T052217_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Ocean Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20191013T063505_20191013T06332_C001 CS_OFFL_SIR_NOPN_2_20191013T063510_20191013T06332_C001 CS_OFFL_SIR_NOPN_2_20191013T063510_20191013T06332_C001 CS_OFFL_SIR_NOPN_2_20191013T063502_20191013T063632_C001 CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064406_C001 CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064406_C001 CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064406_C001 CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064406_C001 CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064002_C001 CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064002_C001 CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064002_C001 CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064002_C001 CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064002_C001 CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064002_C001 CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064002_C001 CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064001 CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064001 CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064001 CS_OFFL_SIR_NOPN_2_20191013T065002_20191013T0640143_C001 CS_OFFL_SIR_NOPN_2_20191013T065002_20191013T065902_C001 CS_OFFL_SIR_NOPN_2_20191013T065002_20191013T065902_C001 CS_OFFL_SIR_NOPN_2_20191013T1065002_20191013T106400_C001 CS_OFFL_SIR_NOPN_2_20191013T1065002_20191013T106400_C001 CS_OFFL_SIR_NOPN_2_20191013T1065002_20191013T106400_C001 CS_OFFL_SIR_NOPN_2_20191013T1065002_20191013T106400_C001 CS_OFFL_SIR_NOPN_2_20191013T105702_20191013T106400_C001 CS_OFFL_SIR_NOPN_2_20191013T105702_20191013T106400_C001 CS_OFFL_SIR_NOPN_2_20191013T11356_20191013T106400_C001 CS_OFFL_SIR_NOPN_2_20191013T11356_20191013T11364_C001 CS_OFFL_SIR_NOPN_2_20191013T11356_20191013T11364_C001 CS_OFFL_SIR_NOPN_2_20191013T11356_20191013T11364_C001 CS_OFFL_SIR_NOPN_2_20191013T11356_20191013T11364_C001 CS_OFFL_SIR_NOPN_2_20191013T11356_20191013T11364_C001 CS_OFFL_SIR_NOPN_2_20191013T11356_20191013T11364_C001 CS_OFFL_SIR_NOPN_2_20191013T1135	CS_OFFL_SIR_NOPN_2_20191013T054933_20191013T055117_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_20191013T063510_20191013T063632_C001 CS_OFFL_SIR_NOPN_2_20191013T06403_20191013T063632_C001 CS_OFFL_SIR_NOPN_2_20191013T06403_20191013T063632_C001 CS_OFFL_SIR_NOPN_2_20191013T072848_20191013T073088_C001 CS_OFFL_SIR_NOPN_2_20191013T072848_20191013T073088_C001 CS_OFFL_SIR_NOPN_2_20191013T072848_20191013T073088_C001 CS_OFFL_SIR_NOPN_2_20191013T072848_20191013T073088_C001 CS_OFFL_SIR_NOPN_2_20191013T0730830_2001 CS_OFFL_SIR_NOPN_2_20191013T083042_20191013T082227_C001 CS_OFFL_SIR_NOPN_2_20191013T083042_20191013T084143_C001 CS_OFFL_SIR_NOPN_2_20191013T0808042_0191013T094143_C001 CS_OFFL_SIR_NOPN_2_20191013T0808020_C0191013T094143_C001 CS_OFFL_SIR_NOPN_2_20191013T080801_20191013T095200_C001 CS_OFFL_SIR_NOPN_2_20191013T080801_20191013T095200_C001 CS_OFFL_SIR_NOPN_2_20191013T108501_20191013T108688_C001 CS_OFFL_SIR_NOPN_2_20191013T108501_20191013T108688_C001 CS_OFFL_SIR_NOPN_2_20191013T108501_20191013T108688_C001 CS_OFFL_SIR_NOPN_2_20191013T108501_20191013T108688_C001 CS_OFFL_SIR_NOPN_2_20191013T108501_20191013T108688_C001 CS_OFFL_SIR_NOPN_2_20191013T108501_20191013T108688_C001 CS_OFFL_SIR_NOPN_2_20191013T1085020_C001 CS_OFFL_SIR_NOPN_2_20191013T108501_20191013T108688_C001 CS_OFFL_SIR_NOPN_2_20191013T108588_C001 CS_OFFL_SIR_NOPN_2_20191013T108588_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113588_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113588_20191013T113848_C001 CCS_OFFL_SIR_NOPN_2_20191013T113588_20191013T113848_C001 CCS_OFFL_SIR_NOPN_2_20191013T1135820_C0191013T113848_C001 CCS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CCS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CCS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CCS_OFFL_SIR_NOPN_2_20191013T1135820_C0014 CCS_OFF	CS_OFFL_SIR_NOPN_2_20191013T055805_20191013T060418_C001	Ocean Altimeter Range, SSHA, SWH 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_20191013T084003_20191013T084406_C001 CS_OFFL_SIR_NOPN_2_20191013T072848_20191013T073058_C001 CS_OFFL_SIR_NOPN_2_20191013T072848_20191013T073058_C001 CS_OFFL_SIR_NOPN_2_20191013T081388_20191013T082227_C001 CS_OFFL_SIR_NOPN_2_20191013T083942_20191013T084143_C001 CS_OFFL_SIR_NOPN_2_20191013T083942_20191013T084143_C001 CS_OFFL_SIR_NOPN_2_20191013T080800_20191013T085920_C001 CS_OFFL_SIR_NOPN_2_20191013T095301_20191013T095848_C001 CS_OFFL_SIR_NOPN_2_20191013T105729_20191013T105848_C001 CS_OFFL_SIR_NOPN_2_20191013T113518_20191013T113841_C001 CCOGA Altimeter Range Cauality PLRM. COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOGA Range and Backscatter Quality Flags have been set for one or more records. CCOGA Range and Backscatter Quality Flags have been set for one or more records. CCOGA Range and Backscatter Quality Flags have been set for one or more records. CCOGA Range and Backscatter Quality Flags have been set for one or more records. CCOGA Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPN_2_20191013T061611_20191013T062213_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20191013T092848_20191013T09358_C001 CS_OFFL_SIR_NOPN_2_20191013T072848_20191013T09358_C001 CS_OFFL_SIR_NOPN_2_20191013T081838_20191013T082227_C001 CS_OFFL_SIR_NOPN_2_20191013T081838_20191013T082227_C001 CS_OFFL_SIR_NOPN_2_20191013T081838_20191013T082227_C001 CS_OFFL_SIR_NOPN_2_20191013T081838_20191013T084143_C001 CS_OFFL_SIR_NOPN_2_20191013T080820_20191013T084143_C001 CS_OFFL_SIR_NOPN_2_20191013T090820_20191013T091039_C001 CS_OFFL_SIR_NOPN_2_20191013T095301_20191013T09520_C001 CS_OFFL_SIR_NOPN_2_20191013T05729_20191013T095820_C001 CS_OFFL_SIR_NOPN_2_20191013T05729_20191013T105848_C001 CS_OFFL_SIR_NOPN_2_20191013T13516_20191013T105848_C001 CS_OFFL_SIR_NOPN_2_20191013T13516_20191013T13848_C001 CS_OFFL_SIR_NOPN_2_20191013T13516_20191013T13848_C001 CS_OFFL_SIR_NOPN_2_20191013T13516_20191013T13848_C001 CS_OFFL_SIR_NOPN_2_20191013T13558_20191013T13848_C001 CS_OFFL_SIR_NOPN_2_20191013T13558_20191013T13848_C001 CS_OFFL_SIR_NOPN_2_20191013T13558_20191013T13848_C001 CS_OFFL_SIR_NOPN_2_20191013T13558_20191013T13848_C001 CS_OFFL_SIR_NOPN_2_20191013T13558_20191013T13848_C001 CCS_OFFL_SIR_NOPN_2_20191013T13558_20191013T13848_C001 CCS_OFFL_SIR_NOPN_2_20191013T13558_20191013T13848_C001 CCS_OFFL_SIR_NOPN_2_20191013T13558_20191013T13848_C001 CCS_OFFL_SIR_NOPN_2_20191013T13558_20191013T13848_C001 CCS_OFFL_SIR_NOPN_2_20191013T13558_20191013T13848_C001 CCCS_OFFL_SIR_NOPN_2_20191013T113558_20191013T113848_C001 CCCS_OFFL_SIR_NOPN_2_20191013T113558_20191013T113848_C001 CCCS_OFFL_SIR_NOPN_2_20191013T113558_20191013T113848_C001 CCCS_OFFL_SIR_NOPN_2_20191013T115558_20191013T115631_C001 CCCS_OFFL_SIR_NOPN_2_20191013T115558_20191013T115631_C001 CCCS_OFFL_SIR_NOPN_2_20191013T115558_20191013T115631_C001 CCCS_OFFL_SIR_NOPN_2_20191013T115558_20191013T115631_C001 CCCS_OFFL_SIR_NOPN_2_20191013T115558_20191013T115631_C001 CCCS_OFFL_SIR_NOPN_2_20191013T115558_20191013T115631_C001 CCCS_OFFL_SIR_NOPN_2_20191013T115558_20191013T115631_C001 CCCS_OFFL_SIR_NOPN_2_20191013T115558_20191013T115631_C001	CS_OFFL_SIR_NOPN_2_20191013T063510_20191013T063632_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20191013T072848_20191013T08227_C001 Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20191013T081838_20191013T082227_C001 CS_OFFL_SIR_NOPN_2_20191013T0819382_20191013T082413_C001 CS_OFFL_SIR_NOPN_2_20191013T089342_20191013T084143_C001 CS_OFFL_SIR_NOPN_2_20191013T090820_20191013T091039_C001 CS_OFFL_SIR_NOPN_2_20191013T090820_20191013T090920_C001 CS_OFFL_SIR_NOPN_2_20191013T095301_20191013T095920_C001 CS_OFFL_SIR_NOPN_2_20191013T1095301_20191013T095920_C001 CS_OFFL_SIR_NOPN_2_20191013T1095301_20191013T095920_C001 CS_OFFL_SIR_NOPN_2_20191013T1095301_20191013T095920_C001 CS_OFFL_SIR_NOPN_2_20191013T1095301_20191013T095920_C001 CS_OFFL_SIR_NOPN_2_20191013T1095301_20191013T109548_C001 CS_OFFL_SIR_NOPN_2_20191013T105729_20191013T105448_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CCG_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CCG_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CCG_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CCG_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CCG_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CCG_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CCG_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641	CS_OFFL_SIR_NOPN_2_20191013T064003_20191013T064406_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20191013T081838_20191013T082227_C001 and Backscatter Quality PLRM, COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20191013T083942_20191013T084145_C001 CS_OFFL_SIR_NOPN_2_20191013T095820_20191013T091039_C001 CS_OFFL_SIR_NOPN_2_20191013T095820_20191013T095920_C001 CS_OFFL_SIR_NOPN_2_20191013T095301_20191013T095920_C001 CS_OFFL_SIR_NOPN_2_20191013T105729_20191013T105848_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113558_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T115588_20191013T115631_C001 CCS_OFFL_SIR_NOPN_2_20191013T115588_20191013T115631_C001 CCS_OFFL_SIR_NOPN_2_20191013T115588_20191013T115631_C001 CCS_OFFL_SIR_NOPN_2_20191013T115588_20191013T115631_C001 CCS_OFFL_SIR_NOPN_2_20191013T115588_20191013T115631_C001 CCS_OFFL_SIR_NOPN_2_20191013T115588_20191013T115631_C001 CCS_OFFL_SIR_NOPN_2_20191013T115588_20191013T115631_C001 CCS_OFFL_SIR_NOPN_2_20191013T115588_20191013T115631_C001 CCS_OFFL_SIR_NOPN_2_20191013T115588_20191013T115631_C001 CCS_OFFL_SIR_NOPN_2_20191013T115638_	CS_OFFL_SIR_NOPN_2_20191013T072848_20191013T073058_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_20191013T090820_20191013T095920_C001 CS_OFFL_SIR_NOPN_2_20191013T095301_20191013T095920_C001 CS_OFFL_SIR_NOPN_2_20191013T095301_20191013T095920_C001 CS_OFFL_SIR_NOPN_2_20191013T105729_20191013T105848_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113719_20191013T113848_C001 CCG_Altimeter Range Quality PLRM, OCOG Backscatter Qua	CS_OFFL_SIR_NOPN_2_20191013T081838_20191013T082227_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_20191013T090820_20191013T091039_C001 Allimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20191013T095301_20191013T095920_C001 CS_OFFL_SIR_NOPN_2_20191013T105729_20191013T105848_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113558_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113558_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113558_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T1122730_20191013T1122842_C001 CS_OFFL_SIR_NOPN_2_20191013T1122730_20191013T122842_C001 CS_OFFL_SIR_NOPN_2_20191013T1122730_20191013T122842_C001 CCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Bac	CS_OFFL_SIR_NOPN_2_20191013T083942_20191013T084143_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20191013T105729_20191013T105848_C001 CS_OFFL_SIR_NOPN_2_20191013T105729_20191013T105848_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113719_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113719_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113558_20191013T115631_C001 CS_OFFL_SIR_NOPN_2_20191013T115558_20191013T115631_C001 CS_OFFL_SIR_NOPN_2_20191013T1122730_20191013T122842_C001 CS_OFFL_SIR_NOPN_2_20191013T122730_20191013T122842_C001 CS_OFFL_SIR_NOPN_2_20191013T135541_20191013T122842_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM	CS_OFFL_SIR_NOPN_2_20191013T090820_20191013T091039_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_C001 CS_OFFL_SIR_NOPN_2_20191013T113719_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T113719_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T115558_20191013T115631_C001 CS_OFFL_SIR_NOPN_2_20191013T1122730_20191013T1122842_C001 CS_OFFL_SIR_NOPN_2_20191013T122730_20191013T1122842_C001 CS_OFFL_SIR_NOPN_2_20191013T122730_20191013T122842_C001 COOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backs	CS_OFFL_SIR_NOPN_2_20191013T095301_20191013T095920_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_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_20191013T113719_20191013T113848_C001 CS_OFFL_SIR_NOPN_2_20191013T115558_20191013T115631_C001 CS_OFFL_SIR_NOPN_2_20191013T1122730_20191013T122842_C001 CS_OFFL_SIR_NOPN_2_20191013T122730_20191013T122842_C001 CS_OFFL_SIR_NOPN_2_20191013T122730_20191013T122842_C001 CS_OFFL_SIR_NOPN_2_20191013T122730_20191013T122842_C001 CS_OFFL_SIR_NOPN_2_20191013T122730_20191013T122842_C001 CS_OFFL_SIR_NOPN_2_20191013T122730_20191013T122842_C001 CS_OFFL_SIR_NOPN_2_20191013T122730_20191013T122842_C001 CS_OFFL_SIR_NOPN_2_20191013T122730_20191013T122842_C001 CS_OFFL_SIR_NOPN_2_20191013T132541_20191013T132826_C001	CS_OFFL_SIR_NOPN_2_20191013T105729_20191013T105848_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_20191013T113558_20191013T115631_C001 CS_OFFL_SIR_NOPN_2_20191013T115558_20191013T115631_C001 CS_OFFL_SIR_NOPN_2_20191013T1122730_20191013T122842_C001 OCOG Altimeter Range Quality PLRM, 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 Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPN_2_20191013T113516_20191013T113641_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_20191013T113938_20191013T113031_C001 OCOG Backscatter Quality PLRM, 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. CS_OFFL_SIR_NOPN_2_20191013T132541_20191013T132626_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_20191013T113719_20191013T113848_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
OCOG Backscatter Quality OCOG Rackscatter Quality more records. OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_NOPN_2_20191013T115558_20191013T115631_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
	CS_OFFL_SIR_NOPN_2_20191013T122730_20191013T122842_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
	CS_OFFL_SIR_NOPN_2_20191013T132541_20191013T132626_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20191013T134310_20191013T134629_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPN_2_20191013T134310_20191013T134629_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.

CS_OFFL_SIR_NOPN_2_20191013T141319_20191013T141558_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_20191013T155629_20191013T155851_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_20191013T164303_20191013T164424_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_20191013T164907_20191013T164957_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_20191013T172318_20191013T172920_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_20191013T173635_20191013T173813_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_20191013T181725_20191013T181809_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_20191013T182624_20191013T182837_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_20191013T184459_20191013T184900_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_20191013T200138_20191013T200629_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_20191013T212626_20191013T212719_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_20191013T213346_20191013T213454_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_20191013T222425_20191013T222545_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_20191012T235949_20191013T000058_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_20191013T000631_20191013T001419_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_20191013T001545_20191013T001624_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_20191013T005054_20191013T005457_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_20191013T010450_20191013T010858_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_20191013T014640_20191013T015448_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_20191013T023006_20191013T023212_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_20191013T024341_20191013T024753_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_20191013T040921_20191013T041019_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_20191013T042123_20191013T042824_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_20191013T044046_20191013T044233_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_20191013T050517_20191013T051037_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_20191013T064406_20191013T064937_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_20191013T065625_20191013T065652_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_20191013T070451_20191013T071218_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_20191013T090558_20191013T090820_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_20191013T091939_20191013T092204_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_20191013T104525_20191013T104747_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_20191013T105848_20191013T110250_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_20191013T113641_20191013T113718_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_20191013T115005_20191013T115211_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_20191013T122206_20191013T122730_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_20191013T140244_20191013T140711_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_20191013T141646_20191013T142023_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_20191013T154057_20191013T154756_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_20191013T155851_20191013T160001_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_20191013T170527_20191013T170741_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_20191013T181545_20191013T181725_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_20191013T184245_20191013T184329_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_20191013T191732_20191013T191910_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_20191013T201409_20191013T201622_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_20191013T205603_20191013T205844_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_20191013T213648_20191013T214202_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_20191013T222024_20191013T222425_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_20191013T230446_20191013T230650_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_20191013T231016_20191013T231207_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_20191013T231550_20191013T232350_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 & 1Hz PLRM)

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

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

5.7 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20Hz)

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:

57

L2 Retracking Flags (20Hz, 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:

136