

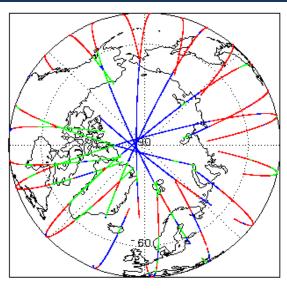
1. Overview

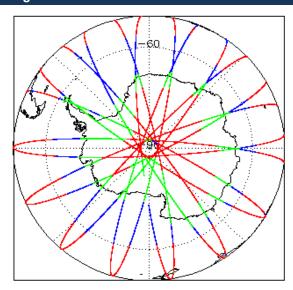
Report Production:	27-Oct-2020
Processor Used:	CryoSat Ocean Processor
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data

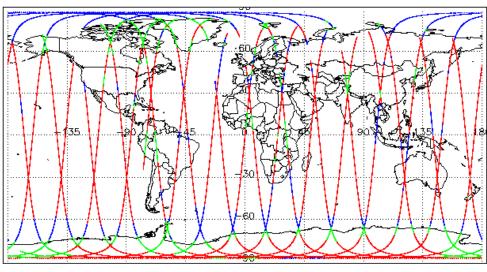
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 5.4
Measurement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

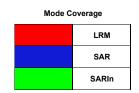
M	lission / Instru	ment News
	25-Oct-2020	SIRAL unavailability on the 25/10/2020 from 16:07:12 UTC (to StandBy) to 16:21:51 UTC (to_LRM) due to MMFU packet store recovery
	26-Oct-2020	None
	27-Oct-2020	Nothing planned

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 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 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:

Ω

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:

4

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20201026T233637_20201026T235016_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_20201026T102858_20201026T103929_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20201026T114420_20201026T114639_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20201026T015553_20201026T015617_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20201026T025153_20201026T025442_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20201026T052404_20201026T052542_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20201026T100706_20201026T101110_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20201026T101138_20201026T101302_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20201026T110925_20201026T111128_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20201026T114732_20201026T115155_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20201026T215521_20201026T215732_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20201026T223104_20201026T223712_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20201026T233155_20201026T233237_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20201026T233428_20201026T233637_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20201026T041825_20201026T042259_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20201026T043350_20201026T043611_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20201026T065419_20201026T070236_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20201026T092910_20201026T093604_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.

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

Number of products with errors:

0

5.4 L2 Auxiliary Correction Error Check

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

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

> ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric Corection, Wet Tropospheric Correction, Inverse Barometric Correction and the U-Wind and V-Wind components of the ECMWF model wind vector. This is a known anomaly (CRYO-COP-3) and will be resolved in a future IPF update.

> Mean Sea Surface: The error value is currently set for products over land and sea ice, but this is to be expected.

49

- > 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
CS_OFFL_SIR_NOPM_2_20201026T233637_20201026T235016_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_20201026T002054_20201026T002140_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_20201026T002349_20201026T002535_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_20201026T010332_20201026T010521_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_20201026T020030_20201026T020509_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_20201026T024312_20201026T024448_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_20201026T042300_20201026T042648_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_20201026T050147_20201026T050334_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_20201026T051320_20201026T051415_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_20201026T060238_20201026T060553_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_20201026T061106_20201026T061228_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_20201026T065335_20201026T065419_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_20201026T082918_20201026T083135_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Perioc 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_20201026T083232_20201026T083350_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_20201026T100706_20201026T101110_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_NOPN_2_20201026T101138_20201026T101302_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_20201026T110548_20201026T110827_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_20201026T110925_20201026T111128_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_20201026T114732_20201026T115155_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_20201026T124504_20201026T124827_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_20201026T132628_20201026T133018_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_20201026T142610_20201026T142728_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_20201026T160515_20201026T160637_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_20201026T164311_20201026T164433_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20201026T170354_20201026T170401_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_20201026T173518_20201026T173636_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_20201026T174208_20201026T174519_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_20201026T191457_20201026T191611_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_20201026T192107_20201026T192219_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_20201026T205544_20201026T205820_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_20201026T210013_20201026T210640_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_20201026T215058_20201026T215218_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_20201026T215521_20201026T215732_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_20201026T223104_20201026T223712_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_20201026T224427_20201026T224603_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_20201026T233019_20201026T233138_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_20201026T015617_20201026T020030_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_20201026T033428_20201026T034113_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_20201026T051416_20201026T052202_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_20201026T065419_20201026T070236_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_20201026T083351_20201026T084114_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_20201026T101303_20201026T101823_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_20201026T115156_20201026T115517_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_20201026T115517_20201026T115851_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_20201026T165751_20201026T165955_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_20201026T170334_20201026T170353_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_20201026T170402_20201026T170521_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_20201026T221318_20201026T221532_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPR_2_20201026T232340_20201026T232521_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20201026T233637_20201026T235016_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: 97

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20201026T000830_20201026T001444_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_20201026T002536_20201026T002550_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20201026T002625_20201026T002847_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20201026T003010_20201026T003559_C001	0 7	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20201026T003844_20201026T010135_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_20201026T010521_20201026T011353_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_20201026T011732_20201026T014154_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20201026T021457_20201026T021504_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

CS_OFFL_SIR_NOPM_2_20201026T021508_20201026T024046_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_20201026T024735_20201026T025153_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_20201026T025704_20201026T032118_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_20201026T032244_20201026T032506_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_20201026T032555_20201026T032728_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_20201026T033156_20201026T033428_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_20201026T034815_20201026T041825_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_20201026T042648_20201026T043234_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_20201026T043612_20201026T044015_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_20201026T051138_20201026T051320_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_20201026T052542_20201026T055829_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_20201026T060554_20201026T061106_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_20201026T061640_20201026T063227_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_20201026T065044_20201026T065218_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_20201026T070237_20201026T073259_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_20201026T073310_20201026T073748_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_20201026T074400_20201026T074554_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_20201026T074601_20201026T075015_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_20201026T075537_20201026T081945_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_20201026T084217_20201026T084233_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_20201026T084246_20201026T084714_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_20201026T084749_20201026T085805_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_20201026T090010_20201026T090242_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_20201026T090248_20201026T090937_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_20201026T091059_20201026T091703_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_20201026T091932_20201026T092454_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_20201026T093605_20201026T094830_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
00_011E_0III_(NO1 III_2_20201020103000_202010201034000_0001	Altimeter Range and Backscatter Quality	set for one or more records.
CS_OFFL_SIR_NOPM_2_20201026T095003_20201026T095913_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_20201026T100027_20201026T100706_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_20201026T102127_20201026T102138_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_20201026T102858_20201026T103929_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_20201026T105006_20201026T105551_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_20201026T105859_20201026T110354_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_20201026T110431_20201026T110548_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_20201026T111232_20201026T111623_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_20201026T112959_20201026T114256_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_20201026T120436_20201026T120448_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_20201026T122025_20201026T123435_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_20201026T123837_20201026T124323_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_20201026T125058_20201026T131632_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_20201026T134942_20201026T141344_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_20201026T141830_20201026T142223_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_20201026T142245_20201026T142610_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_20201026T142947_20201026T145609_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.
00.0551.015.NODM.0.000040007454050.00040007450707.0004		
CS_OFFL_SIR_NOPM_2_20201026T151852_20201026T152707_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_20201026T151852_20201026T152707_C001 CS_OFFL_SIR_NOPM_2_20201026T152850_20201026T153251_C001		
	Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	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_20201026T152850_20201026T153251_C001	Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The 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_20201026T152850_20201026T153251_C001 CS_OFFL_SIR_NOPM_2_20201026T153254_20201026T155312_C001	Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set
CS_OFFL_SIR_NOPM_2_20201026T152850_20201026T153251_C001 CS_OFFL_SIR_NOPM_2_20201026T153254_20201026T155312_C001 CS_OFFL_SIR_NOPM_2_20201026T155652_20201026T160138_C001	Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG 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
CS_OFFL_SIR_NOPM_2_20201026T152850_20201026T153251_C001 CS_OFFL_SIR_NOPM_2_20201026T153254_20201026T155312_C001 CS_OFFL_SIR_NOPM_2_20201026T155652_20201026T160138_C001 CS_OFFL_SIR_NOPM_2_20201026T161033_20201026T164311_C001	Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG 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. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20201026T152850_20201026T153251_C001 CS_OFFL_SIR_NOPM_2_20201026T153254_20201026T155312_C001 CS_OFFL_SIR_NOPM_2_20201026T155652_20201026T160138_C001 CS_OFFL_SIR_NOPM_2_20201026T161033_20201026T164311_C001 CS_OFFL_SIR_NOPM_2_20201026T165453_20201026T165750_C001	Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG 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. The Ocean Altimeter 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 and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or More records.

Count Allerton Propos of Section Provided Technology (1994) and Provided Technology (1994) an	CS_OFFL_SIR_NOPM_2_20201026T174933_20201026T181016_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.
Col. Col. P. S. R. NOPM 2 20001007113050 C0011 Col. Rep. Rep. Col. Rep. Col. Rep. Col. Rep. Col. Rep. Rep. Rep. Rep. Col. Rep. Col. Rep. Rep. Rep. Rep. Rep. Rep. Rep. Rep	CS_OFFL_SIR_NOPM_2_20201026T181302_20201026T182429_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CEL OPPL_SR_NOW_2_2000100715416_20010071071070107_0010 CEL OPPL_SR_NOW_2_20001007110709_20010071070107_0010 CEL OPPL_SR_NOW_2_2000100710701709_2001007107000_0010 CEL OPPL_SR_NOW_2_20001007107009_2001007107000_001007107000_00100700000000	CS_OFFL_SIR_NOPM_2_20201026T183436_20201026T183806_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Bussesser (Justity) Down Althouse Rangue, SSIA, SAN and Seakewater Coulty Flags Investored Country Flags Investored Flags and Excellent Country Flags Investored Flags Inv	CS_OFFL_SIR_NOPM_2_20201026T185415_20201026T191029_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Discharge Country (1997), NOPPL_2 200110971701440_20000081701054_001 One Affareer Range SIAN_SWILL are for the owner of Destablished Custry (1997) and Affareer Range SIAN_SWILL are for Document Custry (1997) and Document Custry (1997) a	CS_OFFL_SIR_NOPM_2_20201026T191612_20201026T192107_C001		
CS_OFFL_SIR_NOPM_2_20010087201494_200010087201494_CO01 Signature Response SISHA_SWH and Exclusionate Clustery Response and Exclusive Development of Exclusionate Response SISHA_SWH and Exclusionate Clustery Response Res	CS_OFFL_SIR_NOPM_2_20201026T192809_20201026T200039_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Bedsscalers Guilly, CODG Affinited Renge and Biodisconter Quality Step have been affinite Renge and Bedsscalers Guilly Step have been	CS_OFFL_SIR_NOPM_2_20201026T201449_20201026T201534_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
So OFFL SIR NOPM 2 202010267203519 202010267210015 C001 CS OFFL SIR NOPM 2 202010267210754 202010267212007 C001 CS OFFL SIR NOPM 2 202010267210754 20201026721308 C001 CS OFFL SIR NOPM 2 202010267210754 20201026721308 C001 CS OFFL SIR NOPM 2 20201026721209 20201026721308 C001 CS OFFL SIR NOPM 2 20201026721209 20201026721308 C001 CS OFFL SIR NOPM 2 20201026721200 20201026721308 C001 CS OFFL SIR NOPM 2 202010267221302 C02010267221308 C001 CS OFFL SIR NOPM 2 202010267221302 C0201026722309 C001 CS OFFL SIR NOPM 2 202010267221302 C0201026722309 C001 CS OFFL SIR NOPM 2 20201026722309 C020102722000 C00102722000 C0010272000 C001027000 C0010200 C00	CS_OFFL_SIR_NOPM_2_20201026T202309_20201026T202542_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Societation Cuality CS_OFFL_SIR_NOPM_2_20201026721754_202010267217378_COID CS_OFFL_SIR_NOPM_2_202010267217919_202010267217378_COID CS_OFFL_SIR_NOPM_2_202010267212919_202010267217378_COID CS_OFFL_SIR_NOPM_2_202010267214044_202010267214207_COID CS_OFFL_SIR_NOPM_2_202010267214044_202010267214207_COID CS_OFFL_SIR_NOPM_2_202010267214044_202010267214207_COID CS_OFFL_SIR_NOPM_2_202010267214044_202010267214207_COID CS_OFFL_SIR_NOPM_2_202010267214044_202010267221518_COID Altimoter Range and Backscatter Cuality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_202010267214044_202010267221518_COID CS_OFFL_SIR_NOPM_2_20201026721532_202010267221518_COID CS_OFFL_SIR_NOPM_2_20201026721532_202010267221518_COID CS_OFFL_SIR_NOPM_2_202010267221532_202010267221540_COID CS_OFFL_SIR_NOPM_2_202010267221532_202010267223023_COID CS_OFFL_SIR_NOPM_2_202010267221540_202010267223023_COID CS_OFFL_SIR_NOPM_2_202010267223032_COID CCS_OFFL_SIR_NOPM_2_202010267223032_COID CCS_OFFL_SIR_NOPM_2_2020102	CS_OFFL_SIR_NOPM_2_20201026T202549_20201026T204845_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have been set for one or not records. CS_OFFL_SIR_NOPM_2_20201026T212919_20201026T213708_CO01 SAmseter Range and Backscatter Quality Flags have been set for one or not records. CS_OFFL_SIR_NOPM_2_20201026T214044_20201026T214207_CO01 SOCGA Altimeter Range Quality, COCG Altimeter Range and Backscatter Quality Flags have been set for one or not records. CS_OFFL_SIR_NOPM_2_20201026T215732_20201026T22138_CO01 SOCGA Altimeter Range Quality, COCG Altimeter Range and Backscatter Quality Flags have been set for one or not records. CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T22138_CO01 SOCGA Altimeter Range Quality, COCG Altimeter Range and Backscatter Quality Flags have been set for one or not not not one or not not not one or not	CS_OFFL_SIR_NOPM_2_20201026T205820_20201026T210013_C001		
and Backscatter Quality, COGG Altimeter Range and Backscatter Quality Flags have been set for one or nor nor necords. CS_OFFL_SIR_NOPM_2_20201026T214044_20201026T214207_C001 CS_OFFL_SIR_NOPM_2_20201026T214044_20201026T224318_C001 CS_OFFL_SIR_NOPM_2_20201026T215732_20201026T221318_C001 CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T221318_C001 CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T221348_C001 CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T223023_C001 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223023_C001 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223023_C001 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223027_C001 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223027_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T223027_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T223007_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T223007_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T223007_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T223007_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T223007_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T223007_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T223007_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T223007_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T23007_C001 CS_OFFL_SIR_NOPM_2_20201026T230046_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230046_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230046_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230046_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230046_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230046_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230046_20201026T23006_C001 CS_OFFL_SIR_NOPM_2_20201026T230046_20201026T23006_C001 CS_OFFL_SIR_NOPM_2_20201026T230046_20201026T23006_C001 CS_OFFL_SIR_NOPM_2_20201026T23006_C00126T20260_C001 CCC_OFFL_SIR_NOPM_2_20201026T23006_C00126T20260_C001 CCC_OFFL_SIR_NOPM_2_20201026T02650_20201026T02650_C001 CCC_OFFL_SIR_NOPM_2_20201026T02650_20201026T02650_C001 CCC_OFFL_SIR_NOPM_2_20201026T02650_000000000000000000000000	CS_OFFL_SIR_NOPM_2_20201026T210754_20201026T212307_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_NOPM_2_20201026T215732_20201026T221518_C001 CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T221518_C001 CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T221546_C001 CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T223502_C001 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223022_C001 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223022_C001 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T224708_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T224708_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T224708_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T2230246_20201026T223412_C001 CS_OFFL_SIR_NOPM_2_20201026T2230246_20201026T23313_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T23313_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T23313_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T233001_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T233001_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T233001_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T233001_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T230016_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T230016_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T230016_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T230016_C001 CS_OFFL_SIR_NOPM_2_20201026T230016_C001026T230016_C001 CS_OFFL_SIR_NOPM_2_20201026T230016_C001026T230016_C001 CS_OFFL_SIR_NOPM_2_20201026T230016_C001026T230016_C001 CS_OFFL_SIR_NOPM_2_20201026T230016_C0	CS_OFFL_SIR_NOPM_2_20201026T212919_20201026T213708_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223032_CO01 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223023_CO01 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223023_CO01 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223023_CO01 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223027_CO01 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223027_CO01 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T22327C_CO01 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T223413_CO01 CS_OFFL_SIR_NOPM_2_20201026T224701_20201026T231431_CO01 CS_OFFL_SIR_NOPM_2_20201026T2230246_20201026T231431_CO01 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_CO01 CS_OFFL_SIR_NOPM_2_20201026T230307_20201026T230016_CO01 CS_OFFL_SIR_NOPM_2_20201026T230307_20201026T230016_CO01 CS_OFFL_SIR_NOPM_2_20201026T230307_20201026T230016_CO01 CS_OFFL_SIR_NOPM_2_20201026T230307_20201026T230016_CO01 CS_OFFL_SIR_NOPM_2_20201026T230307_20201026T230016_CO01 CS_OFFL_SIR_NOPM_2_20201026T230307_20201026T230016_CO01 CS_OFFL_SIR_NOPM_2_20201026T230307_20201026T230016_CO01 CS_OFFL_SIR_NOPM_2_20201026T230307_20201026T230016_CO01 CS_OFFL_SIR_NOPM_2_20201026T230307_20201026T230016_CO01 CS_OFFL_SIR_NOPM_2_20201026T230007_20201026T230016_CO01 CS_OFFL_SIR_NOPM_2_20201026T230007_20201026T2000050_CO01 CS_OFFL_SIR_NOPM_2_20201026T2000007_20201026T0200007_20001000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20201026T214044_20201026T214207_C001		, ,
Go. Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T2230107_C001 CS_OFFL_SIR_NOPM_2_20201026T2230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T23004_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T23007_20201026T2300107_C001 CS_OFFL_SIR_NOPM_2_20201026T23007_20201026T2300107_C001 CS_OFFL_SIR_NOPM_2_20201026T23007_20201026T230016_C001 CS_OFFL_SIR_NOPM_2_20201026T23007_20201026T200007_C001 CS_OFFL_SIR_NOPM_2_20201026T23007_20201026T000007_C001 CS_OFFL_SIR_NOPM_2_20201026T000007_20201026T000007_C001 CS_OFFL_SIR_NOPM_2_20201026T000007_20201026T0000007_C001 CS_OFFL_SIR_NOPM_2_20201026T0000007_20201026T0000007_C001 CS_OFFL_SIR_NOPM_2_20201026T0000007_20201026T0000007_C001 CS_OFFL_SIR_NOPM_2_20201026T0000007_20201026T0000007_C001 CS_OFFL_SIR_NOPM_2_20201026T0000007_20201026T0000007_C001 CS_OFFL_SIR_NOPM_2_20201026T0000007_20201026T0000007_C001 CCG_OFFL_SIR_NOPM_2_20201026T0000007_20201026T0000007_C001 CCG_OFFL_SIR_NOPM_2_20201026T0000007_20201026T0000007_C001 CCG_OFFL_SIR_NOPM_2_20201026T0000007_20201000000000000000000000000000	CS OFFI SIR NORM 2 20201026T215732 20201026T221318 C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224701_20201026T2240107_C001 CS_OFFL_SIR_NOPM_2_20201026T224701_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T224701_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T233637_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T233637_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201027T001044_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201027T001044_C001 CS_OFFL_SIR_NOPM_2_20201026T02550_20201026T002655_C001 CS_OFFL_SIR_NOPM_2_20201026T020550_20201026T002655_C001 CS_OFFL_SIR_NOPM_2_20201026T020550_20201026T020509_C001 CS_OFFL_SIR_NOPM_2_20201026T020030_20201026T020509_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T021317_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T021317_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T020509_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T020509_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T021317_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T021317_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T021317_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T021317_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T021317_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T021317_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T020509_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T020509_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T021317_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T020509_C001 CS_OFFL_SIR_NOPM_2_20201026T020300_20201026T02131	00_0/1E_0IIC_NOFM_E_202010201213/32_202010201221310_0001		
Backscatter Quality CS_OFFL_SIR_NOPM_2_20201026T224408_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224408_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224701_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T224701_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201027T001044_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201027T001044_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002655_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002655_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002659_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002659_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002659_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002659_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002659_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002659_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002659_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002659_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002550_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002550_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002550_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002550_C001 CCS_OFFL_SIR_NOPM_2_20201026T0021116_20201026T002550_C001 CCS_OFFL_SIR_NOPM_2_20201026T0021116_20201026T002550_C001 CCS_OFFL_SIR_NOPM_2_20201026T0021116_20201026T002550_C001 CCS_OFFL_SIR_NOPM_2_20201026T0021116_20201026T002550_C001 CCS_OFFL_SIR_NOPM_2_20201026T0021116_20201026T002550_C001 CCS_OFFL_SIR_NOPM_2_20201026T002550_C001 CCS_OFFL_SIR_NOPM_2_20201026T002550_C001 CCS_OFFL_SIR_NOPM_2_20201026T002550_C001 CCS_OFFL_SIR_NOPM_2_20201026T002550_C001 CCS_OFFL_SIR_NOPM_2_20201026T002550_C001 CCS_OFFL_SIR_NOPM_2_20201026T002550_C0		Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG	set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set
CS_OFFL_SIR_NOPM_2_20201026T224701_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T224701_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T233637_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201026T002652_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002655_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002655_C001 CS_OFFL_SIR_NOPM_2_20201026T002030_20201026T002609_C001 CS_OFFL_SIR_NOPM_2_20201026T002030_20201026T002609_C001 CS_OFFL_SIR_NOPM_2_20201026T002030_20201026T002609_C001 CS_OFFL_SIR_NOPM_2_20201026T002030_20201026T002609_C001 CS_OFFL_SIR_NOPM_2_20201026T002030_20201026T002009_C001 CS_OFFL_SIR_NOPM_2_20201026T002030_20201026T002009_C001 CS_OFFL_SIR_NOPM_2_20201026T002030_20201026T002009_C001 CS_OFFL_SIR_NOPM_2_20201026T002030_20201026T002009_C001 CS_OFFL_SIR_NOPM_2_20201026T0020030_20201026T002009_C001 CS_OFFL_SIR_NOPM_2_20201026T0020030	CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T221546_C001	Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T233637_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T233637_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201027T001044_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201027T001044_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002625_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002655_C001 CS_OFFL_SIR_NOPM_2_20201026T002050_20201026T002650_C001 CS_OFFL_SIR_NOPM_2_20201026T002050_20201026T002650_C001 CS_OFFL_SIR_NOPM_2_20201026T002050_20201026T002650_C001 CS_OFFL_SIR_NOPM_2_20201026T002050_20201026T002609_C001 CS_OFFL_SIR_NOPM_2_20201026T002030_20201026T0020509_C001 CS_OFFL_SIR_NOPM_2_20201026T002030_20201026T002030_20201026T0020509_C001 CS_OFFL_SIR_NOPM_2_20201026T002030_20201026T0020509_C001 CS_OFFL_SIR_NOPM_2_20201026T002030_20201026T0020509_C001 CS_	CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T221546_C001 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223023_C001	Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG	set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been Set for one or more records. CS_OFFL_SIR_NOPN_2_20201026T02030_20201026T020509_C001 CS_OFFL_SIR_NOPN_2_20201026T02030_20201026T020509_C001 CS_OFFL_SIR_NOPN_2_20201026T021116_20201026T021317_C001 CCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T221546_C001 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223023_C001 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223927_C001	Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Altimeter Range Quality, OCOG	set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20201026T233637_20201026T235016_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20201026T020030_20201026T020509_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T221546_C001 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223023_C001 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001	Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality	set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20201026T002550_20201026T002625_C001 CS_OFFL_SIR_NOPN_2_20201026T002030_20201026T002625_C001 CS_OFFL_SIR_NOPN_2_20201026T020030_20201026T002059_C001 CS_OFFL_SIR_NOPN_2_20201026T020030_20201026T020509_C001 CS_OFFL_SIR_NOPN_2_20201026T020030_20201026T020509_C001 CS_OFFL_SIR_NOPN_2_20201026T0201116_20201026T021317_C001 CS_OFFL_SIR_NOPN_2_20201026T0201116_20201026T020309_C001 CS_OFFL_SIR_NOPN_2_20201026T0201116_20201026T020309_C001 CS_OFFL_SIR_NOPN_2_20201026T0201116_20201026T020309_C001 CS_OFFL_SIR_NOPN_2_20201026T0201116_20201026T020309_C001 CS_OFFL_SIR_NOPN_2_20201026T02037_20201026T020309_C001	CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T221546_C001 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223023_C001 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224701_20201026T230107_C001	Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range, 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 and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20201026T002550_20201026T002625_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20201026T020030_20201026T020509_C001 CS_OFFL_SIR_NOPN_2_20201026T0201116_20201026T021317_C001 CS_OFFL_SIR_NOPN_2_20201026T0201116_20201026T021317_C001 CS_OFFL_SIR_NOPN_2_20201026T0201116_20201026T021317_C001 CS_OFFL_SIR_NOPN_2_20201026T0201116_20201026T021317_C001 CS_OFFL_SIR_NOPN_2_20201026T0201116_20201026T02030_C001 CS_OFFL_SIR_NOPN_2_20201026T020037_20201026T020030_C001 CS_OFFL_SIR_NOPN_2_20201026T020037_20201026T020030_C001 CS_OFFL_SIR_NOPN_2_20201026T020037_20201026T020030_C001 CS_OFFL_SIR_NOPN_3_20201026T020037_20201026T020030_C001 CS_OFFL_SIR_NOPN_3_20201026T020037_20201026T020030_C001 CS_OFFL_SIR_NOPN_3_20201026T020037_20201026T020030_C001 CS_OFFL_SIR_NOPN_3_20201026T020037_20201026T020030_C001 CS_OFFL_SIR_NOPN_3_20201026T020037_20201026T020030_C001 CS_OFFL_SIR_NOPN_3_20201026T020037_20201026T020030_C001 CS_OFFL_SIR_NOPN_3_20201026T020037_20201026T020030_C001	CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T221546_C001 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223023_C001 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224701_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001	Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter 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 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 and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality for one or more records. CS_OFFL_SIR_NOPN_2_20201026T02030_20201026T02039_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPN_2_20201026T021116_20201026T021317_C001 OCOG Altimeter Range Quality, OCOG for one or more records. CS_OFFL_SIR_NOPN_2_20201026T02037_20201026T020337_C001 OCOG Altimeter Range Quality, OCOG for one or more records. OCOG Altimeter Range Quality, OCOG for one or more records.	CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T221546_C001 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223023_C001 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224701_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001	Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	Set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter 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 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 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 and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Backscatter Quality for one or more records. CS_OFFL_SIR_NOPN_2_202010261021116_202010261021317_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_NOPN_2_202010261021116_202010261021317_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set	CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T221546_C001 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223023_C001 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224701_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T233637_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201027T001044_C001	Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	Set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter 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 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 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 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 and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
	CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T221546_C001 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223023_C001 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224701_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T233637_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201026T2035016_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201027T001044_C001 CS_OFFL_SIR_NOPM_2_20201026T002550_20201026T002625_C001	Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG	set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter 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 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 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 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 and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
	CS_OFFL_SIR_NOPM_2_20201026T221532_20201026T221546_C001 CS_OFFL_SIR_NOPM_2_20201026T221548_20201026T223023_C001 CS_OFFL_SIR_NOPM_2_20201026T223713_20201026T223927_C001 CS_OFFL_SIR_NOPM_2_20201026T224008_20201026T224427_C001 CS_OFFL_SIR_NOPM_2_20201026T224701_20201026T230107_C001 CS_OFFL_SIR_NOPM_2_20201026T230246_20201026T231431_C001 CS_OFFL_SIR_NOPM_2_20201026T233637_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201026T235016_C001 CS_OFFL_SIR_NOPM_2_20201026T235719_20201026T002625_C001 CS_OFFL_SIR_NOPN_2_20201026T002550_20201026T002625_C001 CS_OFFL_SIR_NOPN_2_20201026T020030_20201026T020509_C001	Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality	set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter 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 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 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 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 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 have been set for one or more records.

CS_OFFL_SIR_NOPN_2_20201026T142239_20201026T142244_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_20201026T184115_20201026T184139_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_20201026T184259_20201026T184346_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_20201026T010135_20201026T010332_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_20201026T051416_20201026T052202_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_20201026T094831_20201026T095003_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_20201026T101851_20201026T102014_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_20201026T110354_20201026T110359_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_20201026T120400_20201026T120405_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_20201026T230107_20201026T230246_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_20201026T233237_20201026T233408_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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20201026T002349_20201026T002535_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_20201026T003721_20201026T003843_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_20201026T010332_20201026T010521_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_20201026T015553_20201026T015617_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_20201026T020556_20201026T020718_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_20201026T021116_20201026T021317_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_20201026T024312_20201026T024448_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_20201026T044926_20201026T045300_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_20201026T045317_20201026T045455_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_20201026T050147_20201026T050334_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_20201026T050841_20201026T051003_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_20201026T051052_20201026T051138_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_20201026T052404_20201026T052542_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_20201026T063227_20201026T063514_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_20201026T073954_20201026T074359_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_20201026T075016_20201026T075124_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_20201026T082918_20201026T083135_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_20201026T100706_20201026T101110_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_20201026T105715_20201026T105859_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_20201026T110424_20201026T110430_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_20201026T110925_20201026T111128_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_20201026T112359_20201026T112959_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_20201026T114257_20201026T114419_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_20201026T114639_20201026T114717_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_20201026T114732_20201026T115155_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_20201026T123636_20201026T123837_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_20201026T132628_20201026T133018_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_20201026T134526_20201026T134658_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_20201026T141606_20201026T141829_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_20201026T142610_20201026T142728_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_20201026T160515_20201026T160637_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_20201026T172047_20201026T172151_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_20201026T183807_20201026T183947_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_20201026T184259_20201026T184346_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_20201026T185102_20201026T185415_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_20201026T205544_20201026T205820_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_20201026T210013_20201026T210640_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_20201026T215521_20201026T215732_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_20201026T223104_20201026T223712_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_20201026T224427_20201026T224603_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_20201026T233019_20201026T233138_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_20201026T233155_20201026T233237_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_20201026T233428_20201026T233637_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_20201026T235236_20201026T235719_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_20201025T235639_20201026T000031_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_20201026T010135_20201026T010332_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_20201026T024046_20201026T024311_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_20201026T025443_20201026T025703_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_20201026T033428_20201026T034113_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_20201026T041825_20201026T042259_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_20201026T043350_20201026T043611_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_20201026T050743_20201026T050841_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_20201026T051416_20201026T052202_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_20201026T055830_20201026T060237_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_20201026T061228_20201026T061640_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_20201026T065419_20201026T070236_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_20201026T075124_20201026T075537_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_20201026T083351_20201026T084114_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_20201026T091703_20201026T091802_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_20201026T092910_20201026T093604_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_20201026T094831_20201026T095003_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_20201026T101303_20201026T101823_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_20201026T101851_20201026T102014_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_20201026T110354_20201026T110359_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_20201026T111623_20201026T111813_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_20201026T115156_20201026T115517_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_20201026T115517_20201026T115851_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_20201026T120410_20201026T120435_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_20201026T121235_20201026T122025_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_20201026T124828_20201026T125058_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_20201026T131632_20201026T131842_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_20201026T151626_20201026T151852_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_20201026T165751_20201026T165955_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_20201026T172952_20201026T173517_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_20201026T174519_20201026T174933_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_20201026T191029_20201026T191456_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_20201026T192432_20201026T192809_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_20201026T204846_20201026T205544_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_20201026T230107_20201026T230246_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 & 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.

Number of products with errors:

178

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:

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: 132

7. NOP QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_NOPM1B	182	182	2	180	0
SIR_NOPR1B	95	95	0	95	0
SIR_NOPN1B	102	102	3	99	0
SIR_NOPM_2	182	182	121	61	0
SIR_NOPR_2	95	95	32	62	1
SIR NOPN 2	102	102	34	68	0

7.1 QCC Errors

SIR_NOPR_2

Number of QCC reports with errors:

Product Type RLOBOPNCDF

-

	Total number	of occurrences	of each error					
RLOBOPNCDF	RL	RL	-	-	-	-	-	Ī

Test Description Key:					
Abbreviation	Test name	Details			
RLOBOPNCDF	RangeLatitudeOrBlankOP_7NetCDF	Latitude should be between -90E7 and 90E7 - NetCDF			
RL	RangeLatitude_6	Latitude should be between -90E6 and 90E6			
RL	RangeLatitude_7	Latitude should be between -90E7 and 90E7			
RLOBOPNCDF	RangeLongitudeOrBlankOP_7NetCDF	Longitude should be between -180E7 and 180E7 - NetCDF			
RL	RangeLongitude_6	Longitude should be between -180E6 and 180E6			
RL	RangeLongitude_7	Longitude should be between -180E7 and 180E7			

7.2 QCC Warnings

Number of QCC reports with warnings

1768

Total number of occurrences of each warning	Total number	of occurre	nces of each	h warning
---	--------------	------------	--------------	-----------

	Total name of occurrences of out manning							
	Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD
Ī	SIR_NOPM1B	180	0	0	0	0	0	0
	SIR_NOPM_2	0	0	40	40	0	47	0
	SIR_NOPN1B	99	0	0	0	0	0	0
	SIR_NOPN_2	0	0	11	38	4	28	34
	SIR_NOPR1B	92	0	0	0	0	0	0
	SIR NOPR 2	0	1	37	40	2	32	27

Product Type	RBSZOPOEPNCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNC	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF	RPEPOPLRMNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	38	35	0	0	0	0	28
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	22	0	0	31	0	38	0
SIR_NOPR1B	0	0	0	0	0	0	0
SIR NOPR 2	21	0	41	0	46	0	0

Product Type	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF	RSWHOEPFDNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	0	0	6	27	0	6	37
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	0	32	20	49	58	37	31
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	37	0	2	52	29	5	37

Product Type	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF	•
SIR_NOPM1B	0	0	1	0	0	4	
SIR_NOPM_2	0	1	1	0	0	0	
SIR_NOPN1B	0	0	0	0	46	1	
SIR_NOPN_2	36	17	0	1	0	0	
SIR_NOPR1B	0	0	1	0	95	1	
SIR_NOPR_2	43	1	0	2	0	0	

Test Description Key:						
Abbreviation	Test name	Details				
BCSHNCDF	BurstCounterStep20HzNetCDF	The burst counter should be one higher with regard to the previous burst counter				
IOHHMOOR	IndexOf1Hzin20HzMappingOutOfRange	The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1)				
MVIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees				
MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees				
MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only				
RBSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RBSZOPOEPFDPLRM NCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RBSZOPOEPNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDPLRMSINN CDF	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDSARNCDF	RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPSARNCDF	RangePeakinessExcludingPolarOPSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPSINNCDF	RangePeakinessExcludingPolarOPSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean				
RSSHAOFDNCDF	RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
RSSHAOFDPLRMNCD F	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RSWHOEPFDPLRMNC	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF	Rel_Time_ASC_Node_Stop mismatch				
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample				
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter				
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter				

7.3 Missing QCC Reports