

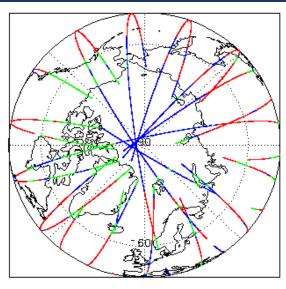
1. Overview

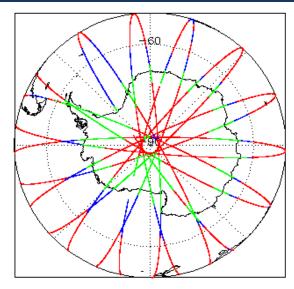
Report Production:	19-May-2021	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data	

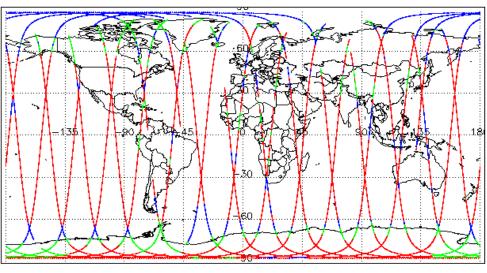
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 5.4
Measurement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

Mi	ission / Instru	ment News
1	17-May-2021	None
1	18-May-2021	None
1	19-May-2021	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:

0

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:

18

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20210518T122810_20210518T123947_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210518T001843_20210518T002058_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210518T011416_20210518T012024_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210518T133857_20210518T134108_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210518T151811_20210518T152258_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210518T175040_20210518T175207_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210518T200517_20210518T200644_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210518T205827_20210518T210239_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210518T214604_20210518T214652_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20210518T214752_20210518T214942_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210518T001630_20210518T001842_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210518T052332_20210518T052443_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210518T092050_20210518T092334_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210518T105717_20210518T110416_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210518T165103_20210518T165255_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210518T165313_20210518T165838_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210518T201044_20210518T202002_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20210518T234047_20210518T234303_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.

Number of products with errors:

35

Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20210518T001843_20210518T002058_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_20210518T011416_20210518T012024_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_20210518T015603_20210518T020021_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_20210518T024453_20210518T024725_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_20210518T025351_20210518T025702_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_20210518T033455_20210518T033807_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_20210518T043440_20210518T043557_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_20210518T074351_20210518T074459_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_20210518T092335_20210518T092559_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_20210518T092938_20210518T093310_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_20210518T115927_20210518T120048_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_20210518T123947_20210518T124537_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_20210518T133857_20210518T134108_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_20210518T142143_20210518T142325_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_20210518T143205_20210518T143409_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_20210518T151811_20210518T152258_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_20210518T174053_20210518T174447_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean	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_20210518T175040_20210518T175207_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_20210518T192042_20210518T192355_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_20210518T192913_20210518T193023_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_20210518T200517_20210518T200644_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_20210518T205827_20210518T210239_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_20210518T210812_20210518T210937_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_20210518T214752_20210518T214942_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_20210518T224602_20210518T224747_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_20210518T002136_20210518T002855_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_20210518T004807_20210518T005042_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_20210518T020021_20210518T020716_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_20210518T165314_20210518T165838_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_20210518T182126_20210518T182318_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_20210518T183222_20210518T184015_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_20210518T201044_20210518T202002_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_20210518T215153_20210518T215208_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_20210518T215208_20210518T215902_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_20210518T233050_20210518T233631_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

0

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:

95

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20210517T235916_20210518T001312_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_20210518T001335_20210518T001630_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_20210518T003836_20210518T004807_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_20210518T005042_20210518T010456_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_20210518T010731_20210518T011226_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_20210518T011243_20210518T011254_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_20210518T012024_20210518T012056_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_20210518T014022_20210518T014254_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_20210518T014417_20210518T014643_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_20210518T014652_20210518T014807_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_20210518T022748_20210518T024352_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_20210518T024725_20210518T025153_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_20210518T025832_20210518T032155_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_20210518T035427_20210518T035430_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_20210518T035814_20210518T042332_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_20210518T042548_20210518T043056_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_20210518T043058_20210518T043108_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_20210518T043115_20210518T043440_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_20210518T043806_20210518T050517_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_20210518T050642_20210518T050952_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_20210518T053334_20210518T060326_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_20210518T060535_20210518T061010_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_20210518T061013_20210518T061347_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_20210518T061733_20210518T065121_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_20210518T073518_20210518T074210_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_20210518T074516_20210518T075037_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_20210518T075712_20210518T081849_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_20210518T082135_20210518T083040_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_20210518T084300_20210518T084706_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_20210518T085219_20210518T085224_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_20210518T090255_20210518T090741_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_20210518T090928_20210518T092050_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_20210518T092559_20210518T092937_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_20210518T093633_20210518T094139_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_20210518T094148_20210518T100948_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_20210518T102601_20210518T105717_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_20210518T110651_20210518T110844_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_20210518T111548_20210518T112144_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_20210518T113148_20210518T113309_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_20210518T113749_20210518T114431_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_20210518T120048_20210518T120459_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_20210518T120625_20210518T121209_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_20210518T121250_20210518T122151_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_20210518T122810_20210518T123947_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_20210518T124538_20210518T124800_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_20210518T125520_20210518T130143_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_20210518T130251_20210518T130938_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.

Post			
Call_CPFI_SIR_NCPM_2_3000068T16006_20010518T16300_0001 Call_CPFI_SIR_NCPM_2_3000068T16006_20010518T16007_0001 Call_CPFI_SIR_NCPM_2_3000068T16006_20010518T16007_0001 Call_CPFI_SIR_NCPM_2_3000068T16006_20010518T16007_0001 Call_CPFI_SIR_NCPM_2_3000068T16006_20010518T16007_0001 Call_CPFI_SIR_NCPM_2_3000068T16006_20010518T16007_0001 Call_CPFI_SIR_NCPM_2_3000068T16006_20010518T16007_0001 Call_CPFI_SIR_NCPM_2_3000068T16006_20010518T16007_0001 Call_CPFI_SIR_NCPM_2_3000068T16006_20010518T16000_0001 Call_CPFI_SIR_NCPM_2_300068T16006_20010518T16000_0001 Call_CPFI_SIR_NCPM_2_300068T16006_20010518T160000_0001 Call	CS_OFFL_SIR_NOPM_2_20210518T131231_20210518T132629_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_OPT_SIR_NOPM_2_30216918T10302_20219518T14017_0001	CS_OFFL_SIR_NOPM_2_20210518T132724_20210518T133223_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OPT_SRI_NOPM_2_20216518T16922_20210518T14012_001	CS_OFFL_SIR_NOPM_2_20210518T135642_20210518T135923_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, 20210516T140125, 20210516T14025, C001 CS. OFFL, SIR, NOPM 2, 20210516T140252, 20210516T140105, C001 CS. OFFL, SIR, NOPM 2, 20210516T140252, 20210516T16010, C001 CS. OFFL, SIR, NOPM 2, 20210516T160252, 20210516T16010, C001 CS. OFFL, SIR, NOPM 2, 20210516T160252, 20210516T16010, C001 CS. OFFL, SIR, NOPM 2, 20210516T16010, 20210516T16010, C001 CS. OFFL, SIR, NOPM 2, 20210516T161010, 20210516T16010, C001 CS. OFFL, SIR, NOPM 2, 20210516T170100, C001 CS. OFFL, SIR, NOPM 2, 20210516T160100, C001 CS. OFFL, SIR, NOPM 2, 20210516T170100, C001 CS. OFFL, SIR, NOPM 2, 20210516T160100, C001 CS. OFFL, SIR, NOPM 2, 202	CS_OFFL_SIR_NOPM_2_20210518T135926_20210518T140127_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.
Description (Page 2016) 1814-202 (2016) 1811-2	CS_OFFL_SIR_NOPM_2_20210518T140422_20210518T142017_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.
and Beakwaster Quality, COOD Alternater Range and Beakwaster Quality, Support CS_OFFL_SIR_NOPM_2_202105181140292_20105181159913_C001 CS_OFFL_SIR_NOPM_2_202105181160292_20105181159913_C001 CS_OFFL_SIR_NOPM_2_202105181160292_2010518116040_C001 CS_OFFL_SIR_NOPM_2_202105181160290_2012518116040_C001 CS_OFFL_SIR_NOPM_2_202105181160290_2012518116040_C001 CS_OFFL_SIR_NOPM_2_202105181160290_2012518116040_C001 CS_OFFL_SIR_NOPM_2_202105181160300_2012518116040_C001 CS_OFFL_SIR_NOPM_2_202105181160300_2012518116040_C001 CS_OFFL_SIR_NOPM_2_202105181160300_2012518116040_C001 CS_OFFL_SIR_NOPM_2_202105181160300_2012518116040_C001 CS_OFFL_SIR_NOPM_2_20105181160300_2012518116040_C001 CS_OFFL_SIR_NOPM_2_20105181160300_2012518116040_C001 CS_OFFL_SIR_NOPM_2_20105181160300_2012518116040_C001 CS_OFFL_SIR_NOPM_2_20105181160300_2012518116040_C001 CS_OFFL_SIR_NOPM_2_20105181160300_2012518116040_C001 CS_OFFL_SIR_NOPM_2_2010518116040_C001 CS_OFFL_SIR_NOPM_2_2010518116040_C001 CS_OFFL_SIR_NOPM_2_2010518117020_C001 CS_OFFL_SIR_NOPM_2_2010518117020_C001 CS_OFFL_SIR_NOPM_2_2010518117020_C001518116040_C001 CS_OFFL_SIR_NOPM_2_2010518117020_C001518116040_C001 CS_OFFL_SIR_NOPM_2_2010518117020_C001518116040_C001 CS_OFFL_SIR_NOPM_2_2010518117020_C0015181160400_C001 CS_OFFL_SIR_NOPM_2_2010518117020_C0015181160400_C001 CS_OFFL_SIR_NOPM_2_2010518117020_C0015181160400_C001 CS_OFFL_SIR_NOPM_2_2010518117020_C0015181160400_C001 CS_OFFL_SIR_NOPM_2_2010518117020_C0015181160300_C001 CS_OFFL_SIR_NOPM_2_20105181160400_C0015181160300_C001 CS_OFFL_SIR	CS_OFFL_SIR_NOPM_2_20210518T142325_20210518T143205_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality Amount Range and Backscatter Quality Flags lawn Administer Range and Backscatter Quality Flags lawn Administer Range and Backscatter Quality Flags lawn Administer Range Quality, QCOG Administer Range SIAL, SVMI The QCOG Administer Range and Backscatter Quality Flags have be for one or more records. **Ce. QFFL_SIR_NOPM_2_20210518T16444_20210518T161927_C001 **Ce. QFFL_SIR_NOPM_2_20210518T161840_20210518T169341_C001 **QCOG Administer Range, SIAL, SVMI Administer Rang	CS_OFFL_SIR_NOPM_2_20210518T143437_20210518T145700_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.
Backscatter Quality CS_OFFL_SIR_NOPM_2_20210518716040_202105187161927_C001 CS_OFFL_SIR_NOPM_2_202105187161404_202105187161927_C001 CS_OFFL_SIR_NOPM_2_202105187161404_202105187161927_C001 CS_OFFL_SIR_NOPM_2_202105187161404_202105187161927_C001 CS_OFFL_SIR_NOPM_2_202105187161404_202105187161924_C001 CS_OFFL_SIR_NOPM_2_202105187161404_202105187161924_C001 CS_OFFL_SIR_NOPM_2_202105187161924_202105187163941_C001 CS_OFFL_SIR_NOPM_2_20210518716302_202105187170304_C001 CS_OFFL_SIR_NOPM_2_20210518717024_202105187170304_C001 CS_OFFL_SIR_NOPM_2_20210518717120_202105187170304_C001 CS_OFFL_SIR_NOPM_2_20210518717120_202105187170304_C001 CS_OFFL_SIR_NOPM_2_20210518717447_202105187170304_C001 CS_OFFL_SIR_NOPM_2_20210518717447_202105187170304_C001 CS_OFFL_SIR_NOPM_2_20210518717447_202105187170304_C001 CS_OFFL_SIR_NOPM_2_20210518717447_202105187170304_C001 CS_OFFL_SIR_NOPM_2_20210518717447_202105187170304_C001 CS_OFFL_SIR_NOPM_2_20210518717447_202105187170304_C001 CS_OFFL_SIR_NOPM_2_20210518717447_202105187181419_C001 CS_OFFL_SIR_NOPM_2_20210518717447_20210518717040_C001 CS_OFFL_SIR_NOPM_2_20210518717447_202105187181419_C001 CS_OFFL_SIR_NOPM_2_20210518718419_20105187181419_C001 CS_OFFL_SIR_NOPM_2_20210518718419_20105187181419_C001 CS_OFFL_SIR_NOPM_2_20210518718419_201051871819335_C001 CS_OFFL_SIR_NOPM_2_202105187184193_202105187182932_C001 CS_OFFL_SIR_NOPM_2_202105187184193_20210518719335_C001 CS_OFFL_SIR_NOPM_2_202105187184193_20210518719335_C001 CS_OFFL_SIR_NOPM_2_202105187184193_20210518719335_C001 CS_OFFL_SIR_NOPM_2_20210518710355_20210518719335_C001 CS_OFFL_SIR_NOPM_2_20210518710355_20210518719335_C001 CS_OFFL_SIR_NOPM_2_20210518710355_20210518719335_C001 CS_OFFL_SIR_NOPM_2_20210518710355_20210518719335_C001 CS_OFFL_SIR_NOPM_2_20210518710355_20210518719335_C001 CS_OFFL_SIR_NOPM_2_20210518710355_20210518719335_C001 CS_OFFL_SIR_NOPM_2_20210518710355_20210518719335_C001 CS_OFFL_SIR_NOPM_2_20210518710355_20210518719335_C001 CS_OFFL_SIR_NOPM_2_20210518710355_20210518719335_C001 CS_OFFL_SIR_NO	CS_OFFL_SIR_NOPM_2_20210518T152522_20210518T155913_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.
Backscatter Quality for one or more recods. CS_OFFL_SIR_NOPM_2_20210518T161404_20210518T161827_CD01 All meter Range and Backscatter Quality The Comman All meter Range, SSHA, SWH and Backscatter Quality Range have a flower of the Comman All meter Range and Backscatter Quality Range have a flower range and Backscatter Quality Range have be for one or more recode. CS_OFFL_SIR_NOPM_2_20210518T175226_20210518T181419_CD01 CS_OFFL_SIR_NOPM_2_20210518T182854_20210518T182823_CD01 CS_OFFL_SIR_NOPM_2_20210518T182854_20210518T182823_CD01 CS_OFFL_SIR_NOPM_2_20210518T182854_20210518T182832_CD01 CS_OFFL_SIR_NOPM_2_20210518T182853_20210518T19170T_CD01 CS_OFFL_SIR_NOPM_2_20210518T19553_20210518T193533_CD01 CS_OFFL_SIR_NOPM_2_20210518T19553_20210518T193533_CD01 CS_OFFL_SIR_NOPM_2_20210518T19553_20210518T193533_CD01 CS_OFFL_SIR_NOPM_2_20210518T19553_20210518T193533_CD01 CS_OFFL_SIR_NOPM_2_20210518T19553_20210518T193533_CD01 CS_OFFL_SIR_NOPM_2_20210518T19553_20210518T19553_CD01 CS_OFFL_SIR_NOPM_2_20210518T19553_20210518T19553_CD01 CS_OFFL_SIR_NOPM_2_20210518T19553_20210518T19553_CD01 CS_OFFL_SIR_NOPM_2_20210518T19553_CD01618T19553_CD01618T19553_CD01618T19553_CD01618T19553_CD01618T19553_CD01618T19553_CD01618T19553	CS_OFFL_SIR_NOPM_2_20210518T160243_20210518T160430_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality, COGG and Altimeter Range and Backscatter Quality Flags have Altimeter Range and Backscatter Quality Flags have Altimeter Range and Backscatter Quality Flags have December 2015 (1974) and Backscatter Quality Flags have December 20	CS_OFFL_SIR_NOPM_2_20210518T160530_20210518T161002_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality and Backscatter Quali	CS_OFFL_SIR_NOPM_2_20210518T161404_20210518T161827_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.
and Backscatter Quality COCG Altimeter Range and Backscatter Quality Flags have Defone or more records. CS_OFFL_SIR_NOPM_2_20210518T171120_20210518T173810_C001 CS_OFFL_SIR_NOPM_2_20210518T174447_20210518T175040_C001 CS_OFFL_SIR_NOPM_2_20210518T174447_20210518T175040_C001 CS_OFFL_SIR_NOPM_2_20210518T174447_20210518T175040_C001 CS_OFFL_SIR_NOPM_2_20210518T174447_20210518T181419_C001 CS_OFFL_SIR_NOPM_2_20210518T181421_20210518T181419_C001 CS_OFFL_SIR_NOPM_2_20210518T181421_20210518T181419_C001 CS_OFFL_SIR_NOPM_2_20210518T181421_20210518T181721_C001 CS_OFFL_SIR_NOPM_2_20210518T181421_20210518T181721_C001 CS_OFFL_SIR_NOPM_2_20210518T181423_20210518T181727_C001 CS_OFFL_SIR_NOPM_2_20210518T182884_20210518T181727_C001 CS_OFFL_SIR_NOPM_2_20210518T182884_20210518T19707_C001 CS_OFFL_SIR_NOPM_2_20210518T183157_20210518T193333_C001 CS_OFFL_SIR_NOPM_2_20210518T18353_20210518T193333_C001 CS_OFFL_SIR_NOPM_2_20210518T18353_20210518T19353_2001 CS_OFFL_SIR_NOPM_2_20210518T18353_20210518T19353_2001 CS_OFFL_SIR_NOPM_2_20210518T18353_20210518T19353_2001 CS_OFFL_SIR_NOPM_2_20210518T19353_20210518T19353_2001 CS_OFFL_SIR_NOPM_2_20210518T19353_20210518T19353_2001 CS_OFFL_SIR_NOPM_2_20210518T19353_20210518T19353_2001 CS_OFFL_SIR_NOPM_2_20210518T19353_20210518T19353_2001 CS_OFFL_SIR_NOPM_2_20210518T19353_20210518T19350_C001 CS_OFFL_SIR_NOPM_2_20210518T19353_20210518T19350_C001 CS_OFFL_SIR_NOPM_2_20210518T19353_20210518T19350_C001 CS_OFFL_SIR_NOPM_2_20210518T196648_20210518T195827_C001 CS_OFFL_SIR_NOPM_2_20210518T196648_20210518T195827_C001 CS_OFFL_SIR_NOPM_2_20210518T196648_20210518T201044_C001 CS_OFFL_SIR_NOPM_2_20210518T20644_20210518T20300_C001 CS_OFFL_SIR_NOPM_2_20210518T20644_20210518T20300_C001 CS_OFFL_SIR_NOPM_2_20210518T20644_20210518T20300_C001 CS_OFFL_SIR_NOPM_2_20210518T20644_20210518T205620_C001 CS_OFFL_SIR_NOPM_2_20210518T20644_20210518T205620_C001 CS_OFFL_SIR_NOPM_2_20210518T20644_20210518T205620_C001 CS_OFFL_SIR_NOPM_2_20210518T20644_20210518T205620_C001 CS_OFFL_SIR_NOPM_2_20210518T20644_2	CS_OFFL_SIR_NOPM_2_20210518T161830_20210518T163841_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.
and Backscatter Quality According to the COCG Altimeter Range and Backscatter Quality Flags have be for one or more records. CS_OFFL_SIR_NOPM_2_20210518T174447_20210518T175040_C001 CS_OFFL_SIR_NOPM_2_20210518T175226_20210518T181419_C001 CS_OFFL_SIR_NOPM_2_20210518T175226_20210518T181419_C001 CS_OFFL_SIR_NOPM_2_20210518T181421_20210518T181419_C001 CS_OFFL_SIR_NOPM_2_20210518T181421_20210518T181721_C001 CS_OFFL_SIR_NOPM_2_20210518T181421_20210518T181721_C001 CS_OFFL_SIR_NOPM_2_20210518T182854_20210518T182923_C001 CS_OFFL_SIR_NOPM_2_20210518T184313_20210518T19707_C001 CS_OFFL_SIR_NOPM_2_20210518T184313_20210518T193353_C001 CS_OFFL_SIR_NOPM_2_20210518T184313_20210518T193353_C001 CS_OFFL_SIR_NOPM_2_20210518T193553_20210518T193353_C001 CS_OFFL_SIR_NOPM_2_20210518T193553_20210518T1938810_C001 CS_OFFL_SIR_NOPM_2_20210518T193553_20210518T195827_C001 CS_OFFL_SIR_NOPM_2_20210518T193553_20210518T195827_C001 CS_OFFL_SIR_NOPM_2_20210518T193553_20210518T195827_C001 CS_OFFL_SIR_NOPM_2_20210518T195648_20210518T195827_C001 CS_OFFL_SIR_NOPM_2_20210518T195648_20210518T195827_C001 CS_OFFL_SIR_NOPM_2_20210518T193644_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T200844_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T200844_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T200844_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T200844_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T200844_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T200844_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T200844_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T200844_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T200344_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T200344_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T203446_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T203446_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T203446_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T203446_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T203446_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T203446_2021	CS_OFFL_SIR_NOPM_2_20210518T170924_20210518T171000_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.
Backscatter Quality CS_OFFL_SIR_NOPM_2_20210518T17522e_20210518T181419_C001 CS_OFFL_SIR_NOPM_2_20210518T181421_20210518T181421_C001 CS_OFFL_SIR_NOPM_2_20210518T181421_20210518T181721_C001 CS_OFFL_SIR_NOPM_2_20210518T181421_20210518T181721_C001 CS_OFFL_SIR_NOPM_2_20210518T182854_20210518T182923_C001 CS_OFFL_SIR_NOPM_2_20210518T182854_20210518T19707_C001 CS_OFFL_SIR_NOPM_2_20210518T183157_20210518T19707_C001 CS_OFFL_SIR_NOPM_2_20210518T183157_20210518T193353_C001 CS_OFFL_SIR_NOPM_2_20210518T193553_20210518T193353_C001 CS_OFFL_SIR_NOPM_2_20210518T193553_20210518T193810_C001 CS_OFFL_SIR_NOPM_2_20210518T195648_20210518T195827_C001 CS_OFFL_SIR_NOPM_2_20210518T195648_20210518T195827_C001 CS_OFFL_SIR_NOPM_2_20210518T195648_20210518T201044_C001 CS_OFFL_SIR_NOPM_2_20210518T200444_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T202314_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T202314_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T203344_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T2034	CS_OFFL_SIR_NOPM_2_20210518T171120_20210518T173810_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.
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality ocog Altimeter Range and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimete	CS_OFFL_SIR_NOPM_2_20210518T174447_20210518T175040_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and the OCOG Altimeter Range and Backscatter Quality Set for one or more records. CS_OFFL_SIR_NOPM_2_20210518T182854_20210518T182923_C001 CS_OFFL_SIR_NOPM_2_20210518T182854_20210518T191707_C001 CS_OFFL_SIR_NOPM_2_20210518T184313_20210518T191707_C001 CS_OFFL_SIR_NOPM_2_20210518T193157_20210518T193353_C001 CS_OFFL_SIR_NOPM_2_20210518T193157_20210518T193353_C001 CS_OFFL_SIR_NOPM_2_20210518T193553_20210518T193810_C001 CS_OFFL_SIR_NOPM_2_20210518T193553_20210518T193810_C001 CS_OFFL_SIR_NOPM_2_20210518T193553_20210518T195827_C001 CS_OFFL_SIR_NOPM_2_20210518T200644_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T2003446_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T202314_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T202314_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T203446_20210518T205620_C001 CS_OFFL_SIR_NOPM_2_20210	CS_OFFL_SIR_NOPM_2_20210518T175226_20210518T181419_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.
Backscatter Quality CS_OFFL_SIR_NOPM_2_20210518T184313_20210518T191707_C001 Doean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and	CS_OFFL_SIR_NOPM_2_20210518T181421_20210518T181721_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.
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Set for one or more records. CS_OFFL_SIR_NOPM_2_20210518T193157_20210518T193353_C001 CS_OFFL_SIR_NOPM_2_20210518T193157_20210518T193353_C001 CS_OFFL_SIR_NOPM_2_20210518T193553_20210518T193810_C001 CS_OFFL_SIR_NOPM_2_20210518T193553_20210518T193810_C001 CS_OFFL_SIR_NOPM_2_20210518T193553_20210518T193810_C001 CS_OFFL_SIR_NOPM_2_20210518T195648_20210518T195827_C001 CS_OFFL_SIR_NOPM_2_20210518T200644_20210518T201044_C001 CS_OFFL_SIR_NOPM_2_20210518T200644_20210518T201044_C001 CS_OFFL_SIR_NOPM_2_20210518T200314_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T202314_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T202314_20210518T203200_C001 CS_OFFL_SIR_NOPM_2_20210518T203446_20210518T205620_C001 Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Altimeter Range, SSHA, SWH And Backscatter Quality Altimeter Range, SSHA, SWH And Backscatter Quality And Backscatter Quality Altimeter Range, SSHA, SWH And Backscatter Quality Altimeter Range, SSHA, SWH And Backscatter Quality And Backscatter Quality Altimeter Range, SSHA, SWH And Backscatter Quality And Backscatter Quality Altimeter Range, SSHA, SWH And	CS_OFFL_SIR_NOPM_2_20210518T182854_20210518T182923_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and the OCOG Altimeter Range and Backscatter Quality Flags have Altimeter Range and Backscatter Quality Flags have Altimeter Range and Backscatter Quality Flags have Range R	CS_OFFL_SIR_NOPM_2_20210518T184313_20210518T191707_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_20210518T193553_20210518T193810_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records.	CS_OFFL_SIR_NOPM_2_20210518T193157_20210518T193353_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_20210518T195648_20210518T195827_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have altimeter Range and Backscatter Quality Flags have set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records.	CS_OFFL_SIR_NOPM_2_20210518T193553_20210518T193810_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_20210518T200644_20210518T201044_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have and the OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records. The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records.	CS_OFFL_SIR_NOPM_2_20210518T195648_20210518T195827_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_20210518T202314_20210518T203200_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and Backscatter Quality Flags have set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have and Backscatter Quality Flags have set for one or more records.	CS_OFFL_SIR_NOPM_2_20210518T200644_20210518T201044_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_20210518T203446_20210518T205620_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have	CS_OFFL_SIR_NOPM_2_20210518T202314_20210518T203200_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_20210518T203446_20210518T205620_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_20210518T210405_20210518T210812_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have befor one or more records.	CS_OFFL_SIR_NOPM_2_20210518T210405_20210518T210812_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

CS_OFFL_SIR_NOPM_2_20210518T211128_20210518T212319_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_20210518T212507_20210518T213218_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_20210518T213302_20210518T213743_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_20210518T220255_20210518T223524_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_20210518T223740_20210518T224257_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_20210518T224316_20210518T224602_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_20210518T225358_20210518T232411_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_20210518T234447_20210518T235718_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_20210518T235923_20210519T001439_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210518T043440_20210518T043557_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210518T160118_20210518T160243_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_20210518T184157_20210518T184313_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210518T192913_20210518T193023_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210518T202052_20210518T202102_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210518T224602_20210518T224747_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_20210518T001313_20210518T001335_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_20210518T073316_20210518T073518_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_20210518T081849_20210518T082135_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_20210518T090741_20210518T090928_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_20210518T102118_20210518T102234_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_20210518T191708_20210518T192042_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_20210518T220109_20210518T220255_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

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Number of products with errors:

Product	Test Failed	Description
CS OFFE SIR NOPN 2 202105181003448 202105181003836 C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.

	Ocean Altimeter Range, SSHA, SWH	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags
CS_OFFL_SIR_NOPN_2_20210518T010545_20210518T010731_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20210518T011416_20210518T012024_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_20210518T015130_20210518T015252_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_20210518T015603_20210518T020021_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_20210518T024453_20210518T024725_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_20210518T033252_20210518T033414_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_20210518T035430_20210518T035813_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_20210518T043440_20210518T043557_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_20210518T050953_20210518T051537_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_20210518T065128_20210518T065301_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_20210518T065337_20210518T065511_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_20210518T070705_20210518T070827_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_20210518T071336_20210518T071540_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_20210518T072416_20210518T072434_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_20210518T085926_20210518T090255_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_20210518T092335_20210518T092559_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_20210518T101433_20210518T101441_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_20210518T110416_20210518T110451_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_20210518T111319_20210518T111510_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_20210518T114449_20210518T114619_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_20210518T115927_20210518T120048_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_20210518T123947_20210518T124537_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_20210518T134223_20210518T134452_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_20210518T134648_20210518T134810_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_20210518T140130_20210518T140422_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_20210518T142143_20210518T142325_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_20210518T145847_20210518T150201_C001 CS_OFFL_SIR_NOPN_2_20210518T161811_20210518T150201_C001 CS_OFFL_SIR_NOPN_2_20210518T164243_20210518T163440_C001 CS_OFFL_SIR_NOPN_2_20210518T164243_20210518T163440_C001 CS_OFFL_SIR_NOPN_2_20210518T164243_20210518T163440_C001 CS_OFFL_SIR_NOPN_2_20210518T164243_20210518T163440_C001 CS_OFFL_SIR_NOPN_2_20210518T164243_20210518T163440_C001 CS_OFFL_SIR_NOPN_2_20210518T164243_20210518T163340_C001 CS_OFFL_SIR_NOPN_2_20210518T164243_20210518T10339_C001 CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T20339_C001 CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T210339_C001 CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T210339_C001 CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T210339_C001 CS_OFFL_SIR_NOPN_2_20210518T214604_20210518T214052_C001 CS_OFFL_SIR_NOPN_2_20210518T214604_20210518T214052_C001 CS_OFFL_SIR_NOPN_2_20210518T214604_20210518T214052_C001 CS_OFFL_SIR_NOPN_2_20210518T214604_20210518T214052_C001 CS_OFFL_SIR_NOPN_2_20210518T214604_20210518T214040_C001 CS_OFFL_SIR_NOPN_2_20210518T01630_20210518T214042_C001 CCGG Altimeter Range Quality PLRM. COCG Backscatter Quality The COCGG Range and Backscatter Quality Flags have been set for more records. The COCGG Range and Backscatter Quality Flags have been set for more records. The COCGG Range and Backscatter Quality Flags have been set for more records. The COCGG Range and Backscatter Quality Flags have been set for more records. The COCGG Range and Backscatter Quality Flags have been set for more records. The COCGG Range and Backscatter Quality Flags have been set for more records. The COCGG Range and Backscatter Quality Flags have been set for more records. The COCGG Range and Backscatter Quality Flags have been set for more records. The COCGG Range and Backscatter Quality Flags have been set for more records. The COCGG Range and Backscatter Quality Flags have been set for more records. The COCGG Range and Backscatter Quality Flags have been set for more records. The COCGG Range and Backscatter Qual	one or
and Backscatter Quality PLRM, OGO Altimeter Range and Backscatter Quality Plags have been set for more records. CS_OFFL_SIR_NOPN_2_20210518T194243_20210518T195319_CO01 CS_OFFL_SIR_NOPN_2_20210518T195135_20210518T195319_CO01 CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T195319_CO01 CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T205827_CO01 CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T205827_CO01 CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T205827_CO01 CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T205827_CO01 CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T205827_CO01 CCG_OFFL_SIR_NOPN_2_20210518T205827_20210518T205827_CO01 CCG_OFFL_SIR_NOPN_2_20210518T205827_20210518T20585_CO01 CCG_OFFL_SIR_NOPN_2_20210518T20582_20210518T20585_CO01 CCG_OFFL_SIR_NOPN_2_20210518T001303_20210518T001842_CO01 CCG_OFFL_SIR_NOPR_2_20210518T002136_20210518T002585_CO01 CCG_OFFL_SIR_NOPR_2_20210518T002136_20210518T002585_CO01 CCG_OFFL_SIR_NOPR_2_20210518T002136_20210518T002585_CO01 CCG_OFFL_SIR_NOPR_2_20210518T002136_20210518T002716_CO01 CCG_OFFL_SIR_NOPR_2_20210518T002136_20210518T002716_CO01 CCG_OFFL_SIR_NOPR_2_20210518T002136_20210518T002716_CO01 CCG_OFFL_SIR_NOPR_2_20210518T002136_20210518T002716_CO01 CCG_OFFL_SIR_NOPR_2_20210518T002136_20210518T002716_CO01 CCG_OFFL_SIR_NOPR_2_20210518T002136_20210518T002716_CO01 CCG_OFFL_SIR_NOPR_2_20210518T002136_20210518T002716_CO01 CCG_OFFL_SIR_NOPR_2_20210518T002136_20210518T002716_CO01 CCG_OFFL_SIR_NOPR_2_20210518T0	
CS_OFFL_SIR_NOPN_2_20210518T10933_20210518T109319_C001 CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T20239_C001 CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T210239_C001 CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T210397_C001 CS_OFFL_SIR_NOPN_2_20210518T210812_20210518T210937_C001 CS_OFFL_SIR_NOPN_2_20210518T210812_20210518T210937_C001 CS_OFFL_SIR_NOPN_2_20210518T214604_20210518T214602_C001 CS_OFFL_SIR_NOPN_2_20210518T214604_20210518T214602_C001 CS_OFFL_SIR_NOPN_2_20210518T214752_20210518T214942_C001 CS_OFFL_SIR_NOPN_2_20210518T214752_20210518T214942_C001 CS_OFFL_SIR_NOPN_2_20210518T010830_20210518T01842_C001 CS_OFFL_SIR_NOPR_2_20210518T010830_20210518T01842_C001 CS_OFFL_SIR_NOPR_2_20210518T010830_20210518T01842_C001 CS_OFFL_SIR_NOPR_2_20210518T01236_20210518T012526_C001 CS_OFFL_SIR_NOPR_2_20210518T012215_20210518T012526_C001 CCGA Altimeter Range Guality PLRM. COGB Backscatter Quality PLRM. COGG Altimeter Range, SSHA, SWH and Backscatter Quality PlRM. COGG Altimeter Range and Backscatter Quality Flags have been set for more records. The COCGA Range and Backscatter Quality Flags have been set for more records. The COCGA Range and Backscatter Quality Flags have been set for more records. The COCGA Range and Backscatter Quality Flags have been set for more records. The COC	
CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T210239_C001 CS_OFFL_SIR_NOPN_2_20210518T205827_20210518T210239_C001 CS_OFFL_SIR_NOPN_2_20210518T210812_20210518T210937_C001 CS_OFFL_SIR_NOPN_2_20210518T210812_20210518T210937_C001 CS_OFFL_SIR_NOPN_2_20210518T214604_20210518T214652_C001 CS_OFFL_SIR_NOPN_2_20210518T214604_20210518T214652_C001 CS_OFFL_SIR_NOPN_2_20210518T214752_20210518T214942_C001 CS_OFFL_SIR_NOPN_2_20210518T214752_20210518T214942_C001 CS_OFFL_SIR_NOPN_2_20210518T214752_20210518T214942_C001 CS_OFFL_SIR_NOPN_2_20210518T2056_20210518T001842_C001 CS_OFFL_SIR_NOPN_2_20210518T001830_20210518T001842_C001 CS_OFFL_SIR_NOPR_2_20210518T001830_20210518T001842_C001 CS_OFFL_SIR_NOPR_2_20210518T001830_20210518T001842_C001 CS_OFFL_SIR_NOPR_2_20210518T001830_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002021_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002021_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002021_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002021_20210518T002855_C001 CCS_OFFL_SIR_NOPR_2_20210518T002021_20210518T002856_C001 CCS_OFFL_SIR_NOPR_2_20210518T002021_20210518T0022248_C001 CCS_OFFL_SIR_NOPR_2_20210518T002021_20210518T0022248_C001 CCS_OFFL_SIR_NOPR_2_20210518T0020215_20210518T0022248_C001 CCS_OFFL_SIR_NOPR_2_20210518T0020215_20210518T0022248_C001 CCCG_Altimeter Range Quality PLRM, CCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCG_Altimeter Range and Backscatter Quality Flags have been set for one or m	one or
and Backscatter Quality PLRM, COCG Altimeter Range and Backscatter Quality PLRM, COCG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20210518T210812_20210518T210937_CO01 CS_OFFL_SIR_NOPN_2_20210518T214604_20210518T214652_CO01 CS_OFFL_SIR_NOPN_2_20210518T214502_20210518T214652_CO01 CS_OFFL_SIR_NOPN_2_20210518T214752_20210518T214942_CO01 CS_OFFL_SIR_NOPN_2_20210518T214752_20210518T214942_CO01 CS_OFFL_SIR_NOPN_2_20210518T223605_20210518T223740_CO01 CS_OFFL_SIR_NOPN_2_20210518T001630_20210518T001842_CO01 CS_OFFL_SIR_NOPR_2_20210518T001630_20210518T002855_CO01 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_CO01 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_CO01 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002256_CO01 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002256_CO01 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002256_CO01 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002256_CO01 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002256_CO01 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002256_CO01 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T002256_CO01 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T002256_CO01 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T002256_CO01 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T002256_CO01 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T002256_CO01 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T002256_CO01 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T002256_CO01 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T002258_CO01 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0022248_CO01 CCS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0022248_CO01 CCS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0022248_CO01 CCS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0022248_CO01 CCS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0022248_CO01 CCS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0020248_CO01 CCS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0020248_CO01 CCS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0020248_CO01 CCS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0020248_CO01 CCS_OFFL_SIR_NOP	one or
CS_OFFL_SIR_NOPN_2_20210518T214604_20210518T214652_C001 CS_OFFL_SIR_NOPN_2_20210518T214604_20210518T214942_C001 CS_OFFL_SIR_NOPN_2_20210518T214752_20210518T214942_C001 CS_OFFL_SIR_NOPN_2_20210518T214752_20210518T223740_C001 CS_OFFL_SIR_NOPN_2_20210518T223605_20210518T223740_C001 CS_OFFL_SIR_NOPN_2_20210518T023605_20210518T023740_C001 CS_OFFL_SIR_NOPR_2_20210518T001630_20210518T001842_C001 CS_OFFL_SIR_NOPR_2_20210518T001630_20210518T001855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002135_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002215_20210518T002285_C001 CS_OFFL_SIR_NOPR_2_20210518T002015_20210518T002285_C001 CS_OFFL_SIR_NOPR_2_20210518T002015_20210518T002215_C001 CS_OFFL_SIR_NOPR_2_20210518T002015_20210518T0022248_C001 CS_OFFL_SIR_NOPR_2_20210518T0022155_20210518T0022248_C001 CS_OFFL_SIR_NOPR_2_20210518T0022155_20210518T0022248_C001 CCGG Altimeter Range Quality PLRM. OCOG Altimeter Range and Backscatter Quality Flags have been set for more records. CCGG Altimeter Range Altimeter Range Quality PLRM. OCOG Altimeter Range and Backscatter Quality Flags have been set for more records. CCGG Altimeter Range Quality PLRM. OCOG Range and Backscatter Quality Flags have been set for more records. CCGG Altimeter Range Quality PLRM. OCOG Range and Backscatter Quality Flags have been set for more records.	
CS_OFFL_SIR_NOPN_2_20210518T214F04_20210518T214942_C001 CS_OFFL_SIR_NOPN_2_20210518T214752_20210518T214942_C001 CS_OFFL_SIR_NOPN_2_20210518T223605_20210518T223740_C001 CS_OFFL_SIR_NOPN_2_20210518T001630_20210518T001842_C001 CS_OFFL_SIR_NOPR_2_20210518T001630_20210518T001842_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T002716_C001 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T002716_C001 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0020716_C001 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0020716_C001 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0020716_C001 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0020716_C001 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0020716_C001 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0020716_C001 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0020716_C001 CS_OFFL_SIR_NOPR_2_20210518T002012_20210518T0020716_C001 CS_OFFL_SIR_NOPR_2_20210518T002015_20210518T0020716_C001 CS_OFFL_SIR_NOPR_2_20210518T002	one or
OCOG Backscatter Quality CS_OFFL_SIR_NOPN_2_20210518T223605_20210518T223740_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have set for one or more records. The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records. The Ocean Altimeter Range and Backscatter Quality Flags have set for one or more records. OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for more records.	one or
CS_OFFL_SIR_NOPR_2_20210518T001630_20210518T001842_C001 CS_OFFL_SIR_NOPR_2_20210518T001630_20210518T001842_C001 CS_OFFL_SIR_NOPR_2_20210518T001630_20210518T001842_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T012526_C001 CS_OFFL_SIR_NOPR_2_20210518T012215_20210518T012526_C001 CS_OFFL_SIR_NOPR_2_20210518T02021_20210518T012526_C001 CS_OFFL_SIR_NOPR_2_20210518T02021_20210518T020716_C001 CS_OFFL_SIR_NOPR_2_20210518T020021_20210518T020716_C001 CS_OFFL_SIR_NOPR_2_20210518T020215_20210518T020216_C001 CS_OFFL_SIR_NOPR_2_20210518T020215_20210518T020216_C001 CS_OFFL_SIR_NOPR_2_20210518T020215_20210518T020216_C001 CS_OFFL_SIR_NOPR_2_20210518T022155_20210518T022248_C001 CCG_G Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have set for one or more records. CS_OFFL_SIR_NOPR_2_20210518T022155_20210518T022248_C001 CCG_G Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for more records. CCG_G Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for more records. CCG_G Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for more records. CCG_G Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for more records.	one or
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 CS_OFFL_SIR_NOPR_2_20210518T012215_20210518T012526_C001 CS_OFFL_SIR_NOPR_2_20210518T012215_20210518T012526_C001 CS_OFFL_SIR_NOPR_2_20210518T020021_20210518T0020716_C001 CS_OFFL_SIR_NOPR_2_20210518T020021_20210518T0020716_C001 CS_OFFL_SIR_NOPR_2_20210518T020021_20210518T0020716_C001 CS_OFFL_SIR_NOPR_2_20210518T020021_20210518T0020716_C001 CS_OFFL_SIR_NOPR_2_20210518T022055_20210518T022248_C001 CS_OFFL_SIR_NOPR_2_20210518T022155_20210518T022248_C001 CS_OFFL_SIR_NOPR_2_20210518T053244_20210518T053333_C001 CS_OFFL_SIR_NOPR_2_2021	one or
CS_OFFL_SIR_NOPR_2_20210518T002136_20210518T002855_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20210518T012215_20210518T012526_C001 CS_OFFL_SIR_NOPR_2_20210518T02021_20210518T020716_C001 CS_OFFL_SIR_NOPR_2_20210518T020021_20210518T020716_C001 CS_OFFL_SIR_NOPR_2_20210518T020215_20210518T020216_C001 CS_OFFL_SIR_NOPR_2_20210518T022155_20210518T022248_C001 CS_OFFL_SIR_NOPR_2_20210518T022155_20210518T022248_C001 CS_OFFL_SIR_NOPR_2_20210518T022155_20210518T022248_C001 CS_OFFL_SIR_NOPR_2_20210518T053244_20210518T053333_C001 COOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for more records. CS_OFFL_SIR_NOPR_2_20210518T053244_20210518T053333_C001 COOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for more records. CS_OFFL_SIR_NOPR_2_20210518T053244_20210518T053333_C001 COOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for more records. CS_OFFL_SIR_NOPR_2_20210518T053244_20210518T053333_C001 COOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for more records. CS_OFFL_SIR_NOPR_2_20210518T053244_20210518T053333_C001	
CS_OFFL_SIR_NOPR_2_20210518T02021_20210518T020716_C001 CS_OFFL_SIR_NOPR_2_20210518T020021_20210518T020716_C001 CS_OFFL_SIR_NOPR_2_20210518T0202155_20210518T022248_C001 CS_OFFL_SIR_NOPR_2_20210518T022155_20210518T022248_C001 CS_OFFL_SIR_NOPR_2_20210518T022155_20210518T022248_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for more records. The OCOG Range and Backscatter Quality Flags have been set for more records. CS_OFFL_SIR_NOPR_2_20210518T053244_20210518T053333_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for more records.	
CS_OFFL_SIR_NOPR_2_20210518T020021_20210518T020716_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20210518T022155_20210518T022248_C001 CS_OFFL_SIR_NOPR_2_20210518T022155_20210518T022248_C001 CS_OFFL_SIR_NOPR_2_20210518T053244_20210518T053333_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for more records. The OCOG Range and Backscatter Quality Flags have been set for more records.	one or
OCOG Backscatter Quality OCOG Backscatter Quality more records. OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for	
	one or
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CS_OFFL_SIR_NOPR_2_20210518T065301_20210518T065336_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for more records.	one or
CS_OFFL_SIR_NOPR_2_20210518T070828_20210518T070848_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for more records.	one or
CS_OFFL_SIR_NOPR_2_20210518T074210_20210518T074351_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 have set for one or more records.	
CS_OFFL_SIR_NOPR_2_20210518T075345_20210518T075712_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 have set for one or more records.	
CS_OFFL_SIR_NOPR_2_20210518T085254_20210518T085423_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for more records.	one or
CS_OFFL_SIR_NOPR_2_20210518T092050_20210518T092334_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 have and the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OCOG Altimeter Range and Backscatter Quality Flags have been dependent on the OC	
CS_OFFL_SIR_NOPR_2_20210518T093311_20210518T093633_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 have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been described by the Ocog Altimeter Range and Backscatter Quality Flags have been desc	
CS_OFFL_SIR_NOPR_2_20210518T100948_20210518T101055_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for more records.	one or
CS_OFFL_SIR_NOPR_2_20210518T105717_20210518T110416_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 have placed by the OCOG Altimeter Range and Backscatter Quality Flags have placed by the OCOG Altimeter Range and Backscatter Quality Flags have placed by the OCOG Altimeter Range and Backscatter Quality Flags have placed by the OCOG Altimeter Range and Backscatter Quality Flags have placed by the OCOG Altimeter Range and Backscatter Quality Flags have placed by the OCOG Altimeter Range and Backscatter Quality Flags have placed by the OCOG Altimeter Range and Backscatter Quality Flags have placed by the OCOG Altimeter Range and Backscatter Quality Flags have placed by the OCOG Altimeter Range and Backscatter Quality Flags have placed by the OCOG Altimeter Range and Backscatter Quality PLRM	
CS_OFFL_SIR_NOPR_2_20210518T111510_20210518T111548_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 have set for one or more records.	
CS_OFFL_SIR_NOPR_2_20210518T112145_20210518T112231_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for more records.	one or

CS_OFFL_SIR_NOPR_2_20210518T122151_20210518T122404_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_20210518T132648_20210518T132724_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_20210518T134108_20210518T134223_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_20210518T134452_20210518T134543_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_20210518T142017_20210518T142142_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_20210518T145700_20210518T145751_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_20210518T145809_20210518T145847_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_20210518T155913_20210518T160118_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_20210518T161222_20210518T161403_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_20210518T165103_20210518T165255_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_20210518T165314_20210518T165838_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_20210518T171000_20210518T171120_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_20210518T182126_20210518T182318_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_20210518T182636_20210518T182749_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_20210518T182802_20210518T182854_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_20210518T183222_20210518T184015_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_20210518T184119_20210518T184157_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_20210518T191708_20210518T192042_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_20210518T193023_20210518T193157_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_20210518T201044_20210518T202002_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_20210518T205620_20210518T205826_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_20210518T210938_20210518T211128_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_20210518T215153_20210518T215208_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_20210518T215208_20210518T215902_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_20210518T220046_20210518T220105_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_20210518T223525_20210518T223605_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_20210518T224747_20210518T225358_C001

CS_OFFL_SIR_NOPR_2_20210518T233050_20210518T233631_C001

CS OFFL SIR NOPR 2 20210518T234047 20210518T234303 C001

Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM

Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM

OCOG Altimeter Range Quality PLRM,

OCOG 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.

The Ocean Altimeter Range, SSHA, SWH, and Backscatter Quality Flags.

The Ocean Altimeter 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 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:

194

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:

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	160	160	2	158	0
SIR_NOPR1B	121	121	0	121	0
SIR_NOPN1B	111	111	6	105	0
SIR_NOPM_2	160	160	96	64	0
SIR_NOPR_2	121	121	43	74	4
SIR_NOPN_2	111	108	46	62	0

7.1 QCC Errors

SIR NOPE

Number of QCC reports with errors:

Product Type RLOBOPNCDF

7

RLOBOPNCDF

Total number of occurrences of each error

0	-	-	-							
Test Description Key:										
rest bescription key.										
Abbreviation	Test name			Details						
RLOBOPNCDF	RangeLatitudeO	rBlankOP 7Ne	tCDF	Latitude shou	atitude should be between -90E7 and 90E7 - NetCDF					
					attade should be between -50E7 and 50E7 - NetOB1					

Abbreviation Test name Details

RLOBOPNCDF RangeLatitudeOrBlankOP_7NetCDF Latitude should be between -90E7 and 90E7 - NetCDF

RL RangeLongitudeOrBlankOP_7NetCDF Longitude should be between -90E7 and 90E7

RL RangeLongitudeOrBlankOP_7NetCDF Longitude should be between -180E7 and 180E7 - NetCDF

RL RangeLongitude_7 Longitude should be between -180E7 and 180E7

7.2 QCC Warnings

Number of QCC reports with warnings

1801

Total number of occurrences of each warning

	Total number of occurrence of user number							
	Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD
Ī	SIR_NOPM1B	158	0	0	0	0	0	0
	SIR_NOPM_2	0	0	45	49	0	45	0
	SIR_NOPN1B	102	0	0	0	0	0	0
	SIR_NOPN_2	0	0	14	30	4	25	25
	SIR_NOPR1B	120	0	0	0	0	0	0
	SIR_NOPR_2	0	4	28	47	0	40	32

Product Type	RBSZOPOEPNCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCE	RPEPOPFDPLRMSINNCDI	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF	RPEPOPLRMNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	38	36	0	0	0	0	29
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	21	0	0	20	0	29	0
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	20	0	49	0	54	0	0

Product Type	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF	RSWHOEPFDNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	0	0	8	31	0	5	42
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	0	27	12	39	54	31	26
SIR_NOPR1B	0	0	0	0	0	0	0
SIR NOPR 2	49	0	3	58	32	8	38

	*						
Product Type	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF	-
SIR_NOPM1B	0	0	0	0	0	0	
SIR_NOPM_2	0	1	0	0	0	0	
SIR_NOPN1B	0	0	0	0	46	0	
SIR_NOPN_2	27	12	0	0	0	0	
SIR_NOPR1B	0	0	0	0	121	5	
SIR NOPR 2	50	3	1	8	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
	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	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_Start_v2_NetCDF	Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1)
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter

7.3 Missing QCC Reports

Number of products with missing QCC reports:

Product name

CS_OFFL_SIR_NOPN_2_20210518T223605_20210518T223740_C001

CS_OFFL_SIR_NOPN_2_20210518T224602_20210518T224747_C001

CS_OFFL_SIR_NOPN_2_20210518T232415_20210518T232556_C001