







1. Overview

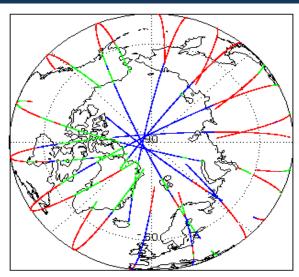
Report Production:	07-Nov-2019
Processor Used:	CryoSat Ocean Processor
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data

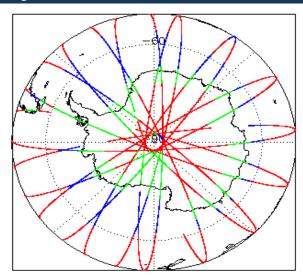
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 5.4
Measurement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

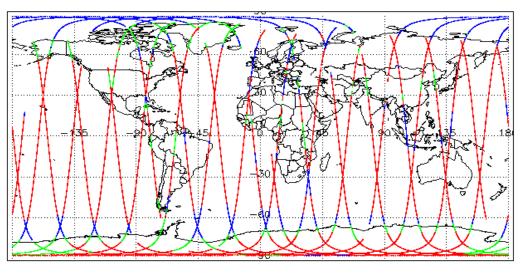
Mission / Instrument News		
05-Nov-2019	None	
06-Nov-2019	None	

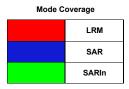
06-Nov-2019 None 07-Nov-2019 Nothing planned

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

4. NOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

4.2 L1B Product Header Analysis

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

L1B Processing Quality HR: The I1b_proc_flag_hr flag is currently set all L1B IOPR and IOPN products because the I1b_processing_quality_hr field is not correctly configured in the OSAR and OSARIn chains. A modification is required in the pert 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:

0

4.5 L1B Measurement Confidence Data Check

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

> Attitude Correction Missing: This flag is currently set in error for NOPR products due to a configuration issue. This is being investigated and will be updated in the next SW update.

Number of products with errors:

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Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20191106T180232_20191106T180822_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

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

> Loss of Echo Flag: This flag is currently set for products over land, but this is to be expected.

Number of products with errors:

4.4

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20191106T005905_20191106T010333_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191106T025545_20191106T025646_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191106T043006_20191106T043157_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191106T043344_20191106T043600_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191106T053711_20191106T053924_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191106T143500_20191106T143907_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191106T175314_20191106T175534_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191106T184614_20191106T184805_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191106T223408_20191106T223550_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20191106T224538_20191106T224632_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191106T060844_20191106T061016_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191106T120801_20191106T121154_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191106T154532_20191106T154734_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20191106T234444_20191106T234856_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:

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.

5.4 L2 Auxiliary Correction Error Check

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20191106T032417_20191106T034034_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPM_2_20191106T080243_20191106T080304_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_20191106T002527_20191106T002847_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_20191106T003408_20191106T003533_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_20191106T011453_20191106T011746_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_20191106T020158_20191106T020355_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_20191106T021232_20191106T021405_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_20191106T025545_20191106T025646_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_20191106T035000_20191106T035206_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_20191106T043344_20191106T043600_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_20191106T052016_20191106T052202_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_20191106T053711_20191106T053924_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_20191106T061016_20191106T061337_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_20191106T101854_20191106T102019_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_20191106T102808_20191106T102921_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_20191106T115822_20191106T115948_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20191106T120459_20191106T120719_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_20191106T133839_20191106T134057_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_20191106T143500_20191106T143907_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_20191106T151838_20191106T152112_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_20191106T161350_20191106T161505_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_20191106T161655_20191106T161930_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_NOPN_2_20191106T165338_20191106T165938_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_20191106T175314_20191106T175534_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_20191106T183554_20191106T183743_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_20191106T193248_20191106T193729_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_20191106T201532_20191106T201709_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_20191106T215519_20191106T215907_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_20191106T223408_20191106T223550_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_20191106T224538_20191106T224632_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_20191106T233456_20191106T233811_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_20191106T234323_20191106T234444_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_20191106T011746_20191106T012537_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_20191106T025646_20191106T030230_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_20191106T043600_20191106T044249_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_20191106T060844_20191106T061016_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_20191106T061427_20191106T061950_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_20191106T192836_20191106T193248_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 OFFE SIR NOPR 2 201011061210604 201011061211330 C001		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_20191106T224632_20191106T225420_C001	` ''	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20191106T180232_20191106T180822_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

Description

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20Hz)

Product

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.

Test Failed

- > 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.

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20191106T000042_20191106T002211_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_20191106T003001_20191106T003408_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_20191106T003949_20191106T004912_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_20191106T005100_20191106T005657_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_20191106T012537_20191106T020051_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_20191106T020355_20191106T020853_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_20191106T020914_20191106T021232_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_20191106T021953_20191106T025131_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_20191106T030550_20191106T031836_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_20191106T032317_20191106T032414_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_20191106T032417_20191106T034034_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_20191106T034241_20191106T034752_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_20191106T034758_20191106T034805_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_20191106T034828_20191106T034959_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_20191106T035745_20191106T041132_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_20191106T041404_20191106T043006_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_20191106T045319_20191106T050337_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_20191106T050517_20191106T051906_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_20191106T052202_20191106T052702_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_20191106T052709_20191106T052720_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have to for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T053537_20191106T053711_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags ha set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T053924_20191106T054934_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags ha set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T055205_20191106T055724_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags ha set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T062848_20191106T062857_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_20191106T063615_20191106T065734_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags has set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T070238_20191106T070619_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have to for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T071332_20191106T073824_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags has set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T081250_20191106T083658_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags has set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T084020_20191106T084532_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have to for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T084539_20191106T084906_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have to for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T085315_20191106T092557_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags ha set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T094844_20191106T095605_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags ha set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T095609_20191106T100705_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags has set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T101210_20191106T101603_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags has set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T102019_20191106T102606_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have to for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T103345_20191106T110540_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags has set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T111845_20191106T111949_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags has set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T114112_20191106T114258_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags has set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T114351_20191106T115413_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags has set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T115948_20191106T120459_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have to for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T121154_20191106T123311_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags has set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T123556_20191106T124730_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags ha set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T125706_20191106T125921_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags has set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T131552_20191106T133412_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags has set for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T134140_20191106T134400_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have to for one or more records.
CS_OFFL_SIR_NOPM_2_20191106T135128_20191106T142504_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags ha

CS_OFFL_SIR_NOPM_2_20191106T143945_20191106T145853_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_20191106T145915_20191106T151209_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_20191106T152112_20191106T152308_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_20191106T152449_20191106T152811_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_20191106T153033_20191106T154531_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_20191106T154734_20191106T155702_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_20191106T161930_20191106T163616_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_20191106T170959_20191106T172359_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_20191106T181106_20191106T183409_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_20191106T183743_20191106T184614_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_20191106T184939_20191106T191408_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_20191106T194621_20191106T201301_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_20191106T202902_20191106T205454_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_20191106T205508_20191106T205723_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_20191106T212037_20191106T215055_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_20191106T215907_20191106T220452_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_20191106T220822_20191106T221232_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_20191106T224355_20191106T224455_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_20191106T225758_20191106T233105_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_20191106T233811_20191106T234323_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_20191106T234856_20191107T000439_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_20191106T164030_20191106T164057_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_20191106T165338_20191106T165938_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_20191106T170230_20191106T170242_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_20191106T191408_20191106T191758_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_20191106T225622_20191106T225758_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_20191106T002211_20191106T002527_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 OFFE SIR NOPR 2 201911061034805 201911061034811 C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20191106T110642_20191106T110652_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20191106T112054_20191106T112439_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20191106T175847_20191106T175934_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.

Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20191106T002527_20191106T002847_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_20191106T005658_20191106T005800_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_20191106T011453_20191106T011746_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_20191106T020158_20191106T020355_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_20191106T025545_20191106T025646_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_20191106T034103_20191106T034241_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_20191106T035000_20191106T035206_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_20191106T043006_20191106T043157_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_20191106T045058_20191106T045319_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_20191106T052016_20191106T052202_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_20191106T053711_20191106T053924_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_20191106T061016_20191106T061337_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_20191106T074120_20191106T074406_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_20191106T084906_20191106T085032_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_20191106T092557_20191106T092958_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_20191106T110540_20191106T110642_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_20191106T110652_20191106T110903_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_20191106T113529_20191106T113714_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_20191106T114054_20191106T114112_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_20191106T143500_20191106T143907_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.

0.000 All-shall Plane Lings Cally Flags. The COOD Range on Endocratic Cally Flags hote bear at 5 etc. or carried in Call Call Call Plane Lings Cally Flags. The COOD Range on Endocratic Cally Flags hote bear at 5 etc. or carried in Call Call Call Plane Lings Cal			
Comparison Com	CS_OFFL_SIR_NOPN_2_20191106T161350_20191106T161505_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CB_GPFL_SR_NOMB_2_2019100F19508_20191100F19508_C001 CB_GPFL_SR_NOMB_2_2019100F19508_20191100F19508_C001 CB_GPFL_SR_NOMB_2_2019100F19519_20191100F19508_C001 CB_GPFL_SR_NOMB_2_2019100F19519_20191100F19508_C001 CB_GPFL_SR_NOMB_2_2019100F19519_20191100F19508_C001 CB_GPFL_SR_NOMB_2_2019100F19519_20191100F19508_C001 CB_GPFL_SR_NOMB_2_2019100F19519_20191100F19508_C001 CB_GPFL_SR_NOMB_2_2019100F19519_C0019100F19508_C001 CB_GPFL_SR_NOMB_2_2019100F19519_C0019100F19508_C001 CB_GPFL_SR_NOMB_2_2019100F19519_C0019100F19508_C001 CB_GPFL_SR_NOMB_2_2019100F19519_C0019100F19539_C001 CB_GPFL_SR_NOMB_2_2019100F19519_C0019100F19539_C001 CB_GPFL_SR_NOMB_2_2019100F19519_C0019100F19539_C001 CB_GPFL_SR_NOMB_2_2019100F19519_C0019100F19539_C001 CB_GPFL_SR_NOMB_2_2019100F19539_C001 CB_GPFL_SR_NOMB_2_2019100F19519_C0019100F19539_C001 CB_GPFL_SR_NOMB_2_2019100F19519_C0019100F19539_C001 CB_GPFL_SR_NOMB_2_2019100F19519_C0019100F19539_C001 CB_GPFL_SR_NOMB_2_2019100F19519_C0019100F19539_C001 CB_GPFL_SR_NOMB_2_2019100F19539_C001 CB_GPFL_SR_NOMB_2_2019100F19	CS_OFFL_SIR_NOPN_2_20191106T161655_20191106T161930_C001		
Col. Child Six NOPN 2 20191100110012 20191100110015 CODI	CS_OFFL_SIR_NOPN_2_20191106T163616_20191106T163959_C001		
Perf Bank Colon Allerian Flags and Bank center Quely Flags have been set for one of the Set NOPPL_20191109112912_20191109112910_0019109110910000000000	CS_OFFL_SIR_NOPN_2_20191106T165338_20191106T165938_C001		
SOCIAL SERVICIONE 2, 201911081109242, 2019110911092092, 2019110911	CS_OFFL_SIR_NOPN_2_20191106T170712_20191106T170855_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Co. OFFL.SR. NOFPL.2. 201911067100422 201911071010022 (2010) Embodement Quality Flags (2010)	CS_OFFL_SIR_NOPN_2_20191106T175612_20191106T175757_C001		
CB_OFFL_SIR_NOPN_2_2019110F100343_2019110F193592_CD01 CB_OFFL_SIR_NOPN_2_2019110F100343_2019110F193592_CD01 CB_OFFL_SIR_NOPN_2_2019110F103393_2019110F193592_CD01 CB_OFFL_SIR_NOPN_2_2019110F103393_2019110F193592_CD01 CB_OFFL_SIR_NOPN_2_2019110F103393_2019110F1222242_CD01 CB_OFFL_SIR_NOPN_2_2019110F103238_2019110F1222242_CD01 CB_OFFL_SIR_NOPN_2_2019110F103238_2019110F1222242_CD01 CB_OFFL_SIR_NOPN_2_2019110F103238_2019110F1222357_CD01 CB_OFFL_SIR_NOPN_2_2019110F103238_2019110F1222357_CD01 CB_OFFL_SIR_NOPN_2_2019110F103238_2019110F1222357_CD01 CB_OFFL_SIR_NOPN_2_2019110F103238_2019110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F103338_2019110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F103338_2019110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F103338_2019110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F103338_2019110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F103338_2019110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F103338_2019110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F103338_2019110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F103338_2019110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F103338_2019110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F10723582_ZD19110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F10723582_ZD19110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F10723582_ZD19110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F10723582_ZD19110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F10723582_ZD19110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F10723582_ZD19110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F10723582_ZD19110F122357_CD01 CB_OFFL_SIR_NOPN_2_2019110F10723582_ZD19110F12	CS_OFFL_SIR_NOPN_2_20191106T180109_20191106T180232_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCC Bedocatific Quality The OCOR Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20191166T193248_2019116F193729_C001 CS_OFFL_SIR_NOPN_2_20191166T193248_2019110F193938_C001 CS_OFFL_SIR_NOPN_2_20191166T193248_2019110F193938_C001 CS_OFFL_SIR_NOPN_2_20191166T193248_2019110F193938_C001 CS_OFFL_SIR_NOPN_2_20191166T193248_2019110F193938_C001 CS_OFFL_SIR_NOPN_2_20191166T193248_2019110F193938_C001 CS_OFFL_SIR_NOPN_2_20191166T193249_2019110F193938_C001 CS_OFFL_SIR_NOPN_2_20191166T193249_2019110F193938_C001 CS_OFFL_SIR_NOPN_2_20191166T1932842_2019110F193938_C001 CS_OFFL_SIR_NOPN_2_20191166T1932842_2019110F193938_C001 CS_OFFL_SIR_NOPN_2_20191166T1933936_C001 CS_OFFL_SIR_NOPN_2_20191166T203422_2019110F1225676_C001 CS_OFFL_SIR_NOPN_2_20191166T203422_2019110F1225676_C001 CS_OFFL_SIR_NOPN_2_20191166T220342_2019110F1223686_C001 CS_OFFL_SIR_NOPN_2_20191166T2223444_C001 CS_OFFL_SIR_NOPN_2_20191166T223342_2019110F1223686_C001 CS_OFFL_SIR_NOPN_2_20191166T223343_2019110F1223686_C001 CS_OFFL_SIR_NOPN_2_20191166T223343_2019110F1223686_C001 CS_OFFL_SIR_NOPN_2_20191166T223343_2019110F1223686_C001 CS_OFFL_SIR_NOPN_2_20191166T223344_C001 COCO Allimeter Range Quality PLPA. The OCOO Range and Backscatter Quality Flags have been set for one or more records. The OCOO Range and Backscatter Quality Flags have been set for one or more records. The OCOO Range and Backscatter Quality Flags have been set for one or more records. The OCOO Range and Backscatter Quality Flags have been set for one or more records. The OCOO Range and Backscatter Quality Flags have been set for one or more records. The OCOO Range and Backscatter Quality Flags have been set for one or more records. The OCOO Range and Backscatter Quality Flags have been set for one or more records. The OCOO Range and Backscatter Quality Flags have been set for one or more records. The OCOO Range and Backscatter Quality Flags have been set for one or more records. The OCOO Range and Backscatter Quality Flags have	CS_OFFL_SIR_NOPN_2_20191106T180943_20191106T181106_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OSO GRadioscater Quality OSO FEL, SIR, NOPN, 2, 20191106T193218, 29191106T193296, C001 OSO Affiniteder Range and Backscattler Quality PLRM, OSO GRadioscater Quality PLRM, OSO GRADIOSCATE	CS_OFFL_SIR_NOPN_2_20191106T183554_20191106T183743_C001		
CS_OFFL_SIR_NOPN_2_20191106T193218_20191106T1932940_CO1 CS_OFFL_SIR_NOPN_2_20191106T193318_20191106T193398_CO11 CS_OFFL_SIR_NOPN_2_20191106T193318_20191106T194398_CO11 CS_OFFL_SIR_NOPN_2_20191106T193318_20191106T194398_CO11 CS_OFFL_SIR_NOPN_2_20191106T193318_20191106T194398_CO11 CS_OFFL_SIR_NOPN_2_20191106T202412_20191106T202701_CO11 CS_OFFL_SIR_NOPN_2_20191106T202412_20191106T202701_CO11 CS_OFFL_SIR_NOPN_2_20191106T202412_20191106T202908_CO11 CS_OFFL_SIR_NOPN_2_20191106T202452_20191106T202908_CO11 CS_OFFL_SIR_NOPN_2_20191106T202452_20191106T202408_CO11 CS_OFFL_SIR_NOPN_2_20191106T202452_20191106T202408_CO11 CS_OFFL_SIR_NOPN_2_20191106T202452_20191106T202408_CO11 CS_OFFL_SIR_NOPN_2_20191106T202452_20191106T202408_CO11 CS_OFFL_SIR_NOPN_2_20191106T202452_20191106T202408_CO11 CS_OFFL_SIR_NOPN_2_20191106T202452_20191106T202408_CO11 CS_OFFL_SIR_NOPN_2_20191106T202452_20191106T202408_CO11 CS_OFFL_SIR_NOPN_2_20191106T202452_20191106T202408_CO11 CS_OFFL_SIR_NOPN_2_20191106T202452_20191106T202408_CO11 CS_OFFL_SIR_NOPN_2_20191106T202452_20191106T202468_CO11 CS_OFFL_SIR_NOPN_2_20191106T202452_20191106T202468_CO11 CS_OFFL_SIR_NOPN_2_20191106T202452_20191106T202468_CO11 CS_OFFL_SIR_NOPN_2_20191106T202452_20191106T202468_CO11 CS_OFFL_SIR_NOPN_2_20191106T20453_20191106T20468_CO11 CS_OFFL_SIR_NOPN_2_20191106T20453_20191106T20468_CO11 CS_OFFL_SIR_NOPN_2_20191106T20453_20191106T20468_CO11 CS_OFFL_SIR_NOPN_2_20191106T20453_20191106T20468_CO11 CS_OFFL_SIR_NOPN_2_20191106T20453_20191106T20468_CO11 CS_OFFL_SIR_NOPN_2_20191106T20453_20191106T20468_CO11 CS_OFFL_SIR_NOPN_2_20191106T20453_20191106T000461_CO11 CS_OFFL_SIR_NOPN_2_20191106T000461_20191106T000461_CO11 CS_OFFL_SIR_NOPN_2_20191106T000461_CO11 CS_OFFL_SIR_NOPN_2_20191106T000461_CO11 CS_OFFL_SIR_NOPN_2_20191106T000461_CO11 CS_OFFL_SIR_NOPN_2_20191106T000461_CO11 CS_OFFL_SIR_NOPN_2_20191106T000461_CO11 CS_OFFL_SIR_NOPN_2_20191106T000461_CO11 CS_OFFL_SIR_NOPN_2_20191106T000461_CO11 CS_OFFL_SIR_NOPN_2_20191106T000461_CO11 CS_OFFL_SIR_NOPN_2_20	CS_OFFL_SIR_NOPN_2_20191106T191408_20191106T191758_C001		
OCOG Altmeter Range Cuality PLRM. CS_OFFL_SIR_NOPN_2_20191106T29442_20191106T29459_CO01 OCOG Altmeter Range Cuality PLRM. CS_OFFL_SIR_NOPN_2_20191106T29459_20191106T29507_CO01 OCOG Altmeter Range Cuality PLRM. CS_OFFL_SIR_NOPN_2_20191106T29519_20191106T29507_CO01 OCOG Altmeter Range Cuality PLRM. CS_OFFL_SIR_NOPN_2_20191106T292459_CO01 OCOG Altmeter Range Cuality PLRM. CS_OFFL_SIR_NOPN_2_20191106T292575_CO01 OCOG Altmeter Range Cuality PLRM. CS_OFFL_SIR_NOPN_2_20191106T292575_CO01 OCOG Altmeter Range Cuality PLRM. CS_OFFL_SIR_NOPN_2_20191106T09291_CO191106T293444_CO01 OCOG Altmeter Range Cuality PLRM. CS_OFFL_SIR_NOPN_2_20191106T093533_20191106T093449_CO01 OCOG Altmeter Range SSHA_SWH and Backscatter Quality PLRM. CS_OFFL_SIR_NOPN_2_20191106T093533_20191106T093449_CO01 OCOG Altmeter Range SSHA_SWH and Backscatter Quality PLRM. CS_OFFL_SIR_NOPN_2_20191106T093533_20191106T093449_CO01 OCOG Altmeter Range SSHA_SWH and Backscatter Quality PLRM. CS_OFFL_SIR_NOPN_2_20191106T093533_20191106T093449_CO01 OCOG Altmeter Range SSHA_SWH and Backscatter Quality PLRM. CS_OFFL_SIR_NOPN_2_20191106T093533_20191106T093449_CO01 OCOG Altmeter Range SSHA_SWH and Backscatt	CS_OFFL_SIR_NOPN_2_20191106T193248_20191106T193729_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCOG Backscatter Quality CS_OFFL_SIR_NOPN_2_20191106T22519_20191106T22507_C001 CS_OFFL_SIR_NOPN_2_20191106T22519_20191106T215007_C001 CS_OFFL_SIR_NOPN_2_20191106T22519_20191106T22508_C001 CS_OFFL_SIR_NOPN_2_20191106T22519_20191106T22508_C001 CS_OFFL_SIR_NOPN_2_20191106T22519_20191106T22548_C001 CS_OFFL_SIR_NOPN_2_20191106T2252141_20191106T222548_C001 CS_OFFL_SIR_NOPN_2_20191106T2252212_20191106T222548_C001 CS_OFFL_SIR_NOPN_2_20191106T22522_20191106T222508_C001 CS_OFFL_SIR_NOPN_2_20191106T22522_20191106T222508_C001 CS_OFFL_SIR_NOPN_2_20191106T2252_20191106T22525_C001 CS_OFFL_SIR_NOPN_2_20191106T2252_20191106T225_C001 CS_OFFL_SIR_NOPN_2_20191106T225_C001 CS_OFFL_SIR_NOPN_2_20191106T025_C001 CS_OFFL_SIR_NOPN_2_20191106T025_C001 CS_OFFL_SIR_NOPR_2_20191106T025_C001 CS_OFFL_SIR_NOPR_2_20191106T025_C001 CS_OFFL_SIR_NOPR_2_20191106T025_C001 CS_OFFL_SIR_NOPR_2_20191106T025_C001 CCS_OFFL_SIR_NOPR_2_20191106T025_C001 CCS_OFFL_SIR_NOPR_2_20191106T025_C001 CCS_OFFL_SIR_NOPR_2_20191106T025_C001 CCS_OFFL_SIR_NOPR_2_20191106T025_C001 CCS_OFFL_SIR_NOPR_2_20191106T025_C001 CCS_OFFL_SIR_NOPR_2_20191106T01144_C001 CCS_OFFL_SIR_NOPR_2_20191106T01144_C001 CCS_OFFL_SIR_NOPR_2_20191106T01144_C001 CCS_OFFL_SIR_NOPR_2_20191106	CS_OFFL_SIR_NOPN_2_20191106T193816_20191106T193938_C001		
CS_OFFL_SIR_NOPN_2_20191106T22652_20191106T22658_C001 CS_OFFL_SIR_NOPN_2_20191106T229452_20191106T229458_C001 CS_OFFL_SIR_NOPN_2_20191106T229452_20191106T229458_C001 CS_OFFL_SIR_NOPN_2_20191106T229452_20191106T229458_C001 CS_OFFL_SIR_NOPN_2_20191106T229452_20191106T229458_C001 CS_OFFL_SIR_NOPN_2_20191106T229452_20191106T229458_C001 CS_OFFL_SIR_NOPN_2_20191106T229452_20191106T229458_C001 CS_OFFL_SIR_NOPN_2_20191106T229452_20191106T229454_C001 CS_OFFL_SIR_NOPN_2_20191106T22952_20191106T229544_C001 CS_OFFL_SIR_NOPN_2_20191106T22952_20191106T229545_C001 CS_OFFL_SIR_NOPN_2_20191106T22952_20191106T22953_C001 CS_OFFL_SIR_NOPN_2_20191106T22952_20191106T22953_C001 CS_OFFL_SIR_NOPN_2_20191106T22952_20191106T22953_C001 CS_OFFL_SIR_NOPN_2_20191106T22952_20191106T22953_C001 CS_OFFL_SIR_NOPN_2_20191106T02295_20191106T22953_C001 CS_OFFL_SIR_NOPN_2_20191106T02295_20191106T02295_20191106T22953_C001 CS_OFFL_SIR_NOPN_2_20191106T002211_20191106T002527_C001 CS_OFFL_SIR_NOPR_2_20191106T002211_20191106T002527_C001 CS_OFFL_SIR_NOPR_2_20191106T002512_20191106T002527_C001 CS_OFFL_SIR_NOPR_2_20191106T002512_20191106T002527_C001 CS_OFFL_SIR_NOPR_2_20191106T002512_20191106T002527_C001 CS_OFFL_SIR_NOPR_2_20191106T002512_20191106T002527_C001 CS_OFFL_SIR_NOPR_2_20191106T002512_20191106T002527_C001 CS_OFFL_SIR_NOPR_2_20191106T002512_20191106T011245_20191106T0112	CS_OFFL_SIR_NOPN_2_20191106T194338_20191106T194538_C001		
OCGS Backscatter Quality PLRM, OCGS Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20191106T22452_20191106T222458_C001 CG_OFFL_SIR_NOPN_2_20191106T222458_2001 CG_OFFL_SIR_NOPN_2_20191106T222458_2001 CG_OFFL_SIR_NOPN_2_20191106T222458_2001 CG_OFFL_SIR_NOPN_2_20191106T222458_2001 CG_OFFL_SIR_NOPN_2_20191106T224505_20191106T22420_C001 CG_OFFL_SIR_NOPN_2_20191106T224505_20191106T22420_C001 CG_OFFL_SIR_NOPN_2_20191106T224538_20191106T224505_C001 CG_OFFL_SIR_NOPN_2_20191106T224538_20191106T224505_C001 CG_OFFL_SIR_NOPN_2_20191106T224538_20191106T224505_C001 CG_OFFL_SIR_NOPN_2_20191106T224538_20191106T224505_C001 CG_OFFL_SIR_NOPN_2_20191106T224538_20191106T224505_C001 CG_OFFL_SIR_NOPN_2_20191106T224538_20191106T224505_C001 CG_OFFL_SIR_NOPN_2_20191106T224538_20191106T224505_C001 CG_OFFL_SIR_NOPN_2_20191106T224538_20191106T2245758_C001 CG_OFFL_SIR_NOPN_2_20191106T224538_20191106T2245758_C001 CG_OFFL_SIR_NOPN_2_20191106T224538_20191106T225758_C001 CG_OFFL_SIR_NOPN_2_20191106T224533_20191106T225758_C001 CG_OFFL_SIR_NOPN_2_20191106T224533_20191106T225758_C001 CG_OFFL_SIR_NOPN_2_20191106T224533_20191106T225758_C001 CG_OFFL_SIR_NOPN_2_20191106T224533_20191106T224532_C001 CG_OFFL_SIR_NOPR_2_20191106T224533_20191106T234444_C001 CG_OFFL_SIR_NOPR_2_20191106T02537_C001 CG_OFFL_SIR_NOPR_2_20191106T00353_20191106T003594_C001 Allimeter Range and Backscatter Quality PLRM, COCG Allimeter Range and Backscatter Quality Plags and the COCG Allimeter Range and Backscatter Quality Plags and Backscatter Qualit	CS_OFFL_SIR_NOPN_2_20191106T202412_20191106T202701_C001		
CS_OFFL_SIR_NOPN_2_20191106T220452_20191106T222458_CO01 CS_OFFL_SIR_NOPN_2_20191106T222452_20191106T222458_CO01 CS_OFFL_SIR_NOPN_2_20191106T222457_20191106T222458_CO01 CS_OFFL_SIR_NOPN_2_20191106T22457_20191106T22458_CO01 CS_OFFL_SIR_NOPN_2_20191106T22458_CO01 CS_OFFL_SIR_NOPN_2_20191106T225758_CO01 CS_OFFL_SIR_NOPN_2_20191106T225758_CO01 CS_OFFL_SIR_NOPN_2_20191106T225758_CO01 CS_OFFL_SIR_NOPN_2_20191106T225758_CO01 CS_OFFL_SIR_NOPN_2_20191106T02211_20191106T002527_CO01 CS_OFFL_SIR_NOPR_2_20191106T002211_20191106T002527_CO01 CS_OFFL_SIR_NOPR_2_20191106T002211_20191106T003533_C0191106T003549_CO01 CS_OFFL_SIR_NOPR_2_20191106T003533_C0191106T003549_CO01 CS_OFFL_SIR_NOPR_2_20191106T0011452_C00191106T011453_CO01 CS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T0112537_CO01 CS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T0112537_CO01 CS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T0112537_CO01 CS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T011453_CO01 CS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T011453_CO01 CS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T011453_CO01 CS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T011453_CO01 CS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T011453_CO01 CCS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T011453_CO01 CCS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T011453_CO01 CCS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T011453_CO01 CCS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T011453_CO01 CCS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T011453_CO01 CCS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T011453_CO01 CCS_OFFL_SIR_NOPR_2_20191106T011442_C0191106T011453_CO01 CCS_OFFL_SIR_NOPR_2_C0191106T011442_C0191106T011453_CO01 CCS_OFFL_SIR_NOPR_2_C0191106T01	CS_OFFL_SIR_NOPN_2_20191106T215519_20191106T215907_C001		
OCG Backscatter Quality PLRM, OCG Ba	CS_OFFL_SIR_NOPN_2_20191106T220452_20191106T220608_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20191106T224220_C001 CS_OFFL_SIR_NOPN_2_20191106T224230_C001 CS_OFFL_SIR_NOPN_2_20191106T224538_20191106T224220_C001 CS_OFFL_SIR_NOPN_2_20191106T224538_20191106T224632_C001 CS_OFFL_SIR_NOPN_2_20191106T224538_20191106T224632_C001 CS_OFFL_SIR_NOPN_2_20191106T225758_C001 CS_OFFL_SIR_NOPN_2_20191106T225758_C001 CS_OFFL_SIR_NOPN_2_20191106T234323_20191106T234444_C001 CS_OFFL_SIR_NOPN_2_20191106T0234323_20191106T234444_C001 CS_OFFL_SIR_NOPN_2_20191106T002211_20191106T002527_C001 CS_OFFL_SIR_NOPR_2_20191106T003533_20191106T00349_C001 CS_OFFL_SIR_NOPR_2_20191106T003533_20191106T00349_C001 CS_OFFL_SIR_NOPR_2_20191106T0011242_20191106T00349_C001 CS_OFFL_SIR_NOPR_2_20191106T011242_20191106T00349_C001 CS_OFFL_SIR_NOPR_2_20191106T0011242_20191106T00349_C001 CS_OFFL_SIR_NOPR_2_20191106T0011242_20191106T00349_C001 CS_OFFL_SIR_NOPR_2_20191106T0011242_20191106T00349_C001 CS_OFFL_SIR_NOPR_2_20191106T0011242_20191106T00349_C001 CS_OFFL_SIR_NOPR_2_20191106T011242_20191106T00349_C001 Allimeter Range_SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20191106T0011242_20191106T00349_C001 Allimeter Range_SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20191106T0011242_20191106T00349_C001 Allimeter Range_SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20191106T0011242_20191106T0011453_C001 Allimeter Range_SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20191106T011242_20191106T011453_C001 Allimeter Range_SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20191106T011242_20191106T011453_C001 Allimeter Range_SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Allimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Allimeter Range and Backscatter Quality Flags have been set f	CS_OFFL_SIR_NOPN_2_20191106T222141_20191106T222458_C001		
CS_OFFL_SIR_NOPN_2_20191106T224538_20191106T224632_C001 CS_OFFL_SIR_NOPN_2_20191106T224538_20191106T225758_C001 CS_OFFL_SIR_NOPN_2_20191106T225758_C001 CS_OFFL_SIR_NOPN_2_20191106T234323_20191106T225758_C001 CS_OFFL_SIR_NOPN_2_20191106T234323_20191106T225758_C001 CS_OFFL_SIR_NOPN_2_20191106T0234323_20191106T0234444_C001 CS_OFFL_SIR_NOPN_2_20191106T0234323_20191106T0234444_C001 CS_OFFL_SIR_NOPR_2_20191106T002211_20191106T002527_C001 CS_OFFL_SIR_NOPR_2_20191106T003333_20191106T003949_C001 CS_OFFL_SIR_NOPR_2_20191106T011242_20191106T011453_C001 CS_OFFL_SIR_NOPR_2_20191106T011242_20191106T011453_C001 CS_OFFL_SIR_NOPR_2_20191106T011242_20191106T0112537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T0112537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T0112537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T0112	CS_OFFL_SIR_NOPN_2_20191106T223621_20191106T223644_C001		
and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20191106T224538_20191106T225758_C001 CS_OFFL_SIR_NOPN_2_20191106T225622_20191106T225758_C001 CS_OFFL_SIR_NOPN_2_20191106T234323_20191106T234444_C001 CS_OFFL_SIR_NOPN_2_20191106T0234323_20191106T0234444_C001 CS_OFFL_SIR_NOPR_2_20191106T002211_20191106T002527_C001 CS_OFFL_SIR_NOPR_2_20191106T003533_20191106T003949_C001 CS_OFFL_SIR_NOPR_2_20191106T003533_20191106T003949_C001 CS_OFFL_SIR_NOPR_2_20191106T0011242_20191106T011453_C001 CS_OFFL_SIR_NOPR_2_20191106T0011243_C00191106T0112537_C001 CS_OFFL_SIR_NOPR_2_20191106T0011245_C00191106T0112537_C001 CS_OFFL_SIR_NOPR_2_20191106T0011245_C00191106T0112537_C001 CS_OFFL_SIR_NOPR_2_20191106T0011746_20191106T012537_C001 CS_OFFL_SIR_NOPR_2_20191106T0011746_20191106T012537_C001 CS_OFFL_SIR_NOPR_2_20191106T0011746_20191106T0012537_C001 CS_OFFL_SIR_NOPR_2_20191106T0011746_20191106T0012537_C001 CS_OFFL_SIR_NOPR_2_20191106T0011746_20191106T0012537_C001 CS_OFFL_SIR_NOPR_2_20191106T0011746_20191106T0012537_C001 CS_OFFL_SIR_NOPR_2_20191106T0011746_20191106T0012537_C001 CS_OFFL_SIR_NOPR_2_20191106T0011746_20191106T0012537_C001 CS_OFFL_SIR_NOPR_2_20191106T0011746_20191106T00112537_C001 CS_OFFL_SIR_NOPR_2_20191106T0011746_20191106T00112537_C001 CS_OFFL_SIR_NOPR_2_20191106T0011746_20191106T00	CS_OFFL_SIR_NOPN_2_20191106T224057_20191106T224220_C001		
OCOG Backscatter Quality CS_OFFL_SIR_NOPN_2_20191106T234323_20191106T234444_C001 CS_OFFL_SIR_NOPN_2_20191106T234323_20191106T234444_C001 CS_OFFL_SIR_NOPR_2_20191106T002211_20191106T002527_C001 CS_OFFL_SIR_NOPR_2_20191106T003533_20191106T003949_C001 CS_OFFL_SIR_NOPR_2_20191106T0011242_20191106T0011453_C001 CS_OFFL_SIR_NOPR_2_20191106T011242_20191106T011453_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T0112537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T0012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T0012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T0012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T0012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T0012537_C001 CS_OFFL_SIR_NOPR_2_20191106T0011746_20191106T0012909_C001 CS_OFFL_SIR_NOPR_2_20191106T021405_20191106T0012909_C001 CS_OFFL_SIR_NOPR_2_20191106T0011746_20191106T0012909_C001 CS_OFFL_SIR_NOPR_2_20191106T0011746_20191106T00112537_C001 CS_OFFL_SIR_	CS_OFFL_SIR_NOPN_2_20191106T224538_20191106T224632_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20191106T234323_20191106T234444_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20191106T002211_20191106T002527_C001 CS_OFFL_SIR_NOPR_2_20191106T003533_20191106T003949_C001 CS_OFFL_SIR_NOPR_2_20191106T0011242_20191106T011453_C001 CS_OFFL_SIR_NOPR_2_20191106T011242_20191106T0112537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T0121909_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T021909_C001 CS_OFFL_SIR_NOPR_2_20191106T021405_20191106T021909_C001 CS_OFFL_SIR_NOPR_2_20191106T021405_20191106T0219	CS_OFFL_SIR_NOPN_2_20191106T225622_20191106T225758_C001		
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been external places of the ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been external places of the ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been external places of the ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been external places of the ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been external places of the ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been external places of the ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been external places of the ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been external places of the ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been external places of the ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been external places of the ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been external places of the ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been external places of the ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been external places of the ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been external places of the ocean Altimeter Range and Backscatter Quality Flags have been external places of the ocean Altimeter Range and Backscatter Quality Flags have been external places of the ocean Altimeter Range and Backscatter Quality Flags have been external places of the ocean Altimeter Range and Backscatter Quality Flags have been external places of the ocean Altimeter Range and Backscatter Quality Flags have been external places of the ocean Altimeter Range and Backscatter Quality Flags have been external places of the ocean Altimeter Range and Backscatter Quality Flags have been external p	CS_OFFL_SIR_NOPN_2_20191106T234323_20191106T234444_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20191106T011242_20191106T011453_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T012537_C001 CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T012537_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range	CS_OFFL_SIR_NOPR_2_20191106T002211_20191106T002527_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20191106T011242_20191106T011453_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range	CS_OFFL_SIR_NOPR_2_20191106T003533_20191106T003949_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T012537_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ocean Altimeter 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 and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags an	CS_OFFL_SIR_NOPR_2_20191106T011242_20191106T011453_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPR_2_20191106T011746_20191106T012537_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_NOPR_2_20191106T021405_20191106T021909_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been

	Ocean Altimeter Range, SSHA, SWH	L
CS_OFFL_SIR_NOPR_2_20191106T025646_20191106T030230_C001	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_20191106T030244_20191106T030356_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_20191106T034034_20191106T034103_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_20191106T035206_20191106T035745_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_20191106T041132_20191106T041404_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_20191106T043600_20191106T044249_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_20191106T050337_20191106T050502_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_20191106T051906_20191106T052016_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_20191106T061427_20191106T061950_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_20191106T071142_20191106T071332_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_20191106T085049_20191106T085315_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_20191106T101603_20191106T101854_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_20191106T102921_20191106T103345_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_20191106T112054_20191106T112439_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_20191106T115413_20191106T115822_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_20191106T120801_20191106T121154_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_20191106T125921_20191106T130647_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_20191106T133412_20191106T133839_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_20191106T151209_20191106T151838_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_20191106T164913_20191106T165144_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_20191106T172400_20191106T173209_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_20191106T175534_20191106T175612_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_20191106T180822_20191106T180943_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_20191106T191852_20191106T191901_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_20191106T192836_20191106T193248_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_20191106T202701_20191106T202902_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_20191106T210300_20191106T210431_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_20191106T210604_20191106T211330_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_20191106T215055_20191106T215519_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_20191106T223951_20191106T224057_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_20191106T224455_20191106T224538_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_20191106T224632_20191106T225420_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_20191106T233105_20191106T233456_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_20191106T234444_20191106T234856_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (1 Hz & 1Hz PLRM)

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

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

Number of products with errors:

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.

51

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.