

02/09/2019





1. Overview

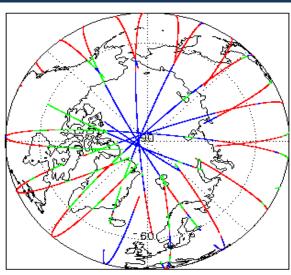
Report Production:	03-Sep-2019
Processor Used:	CryoSat Ocean Processor
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data

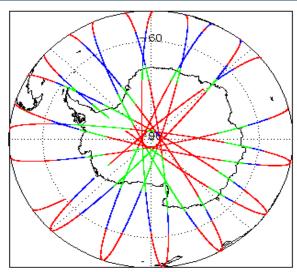
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 5.4
Measurement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

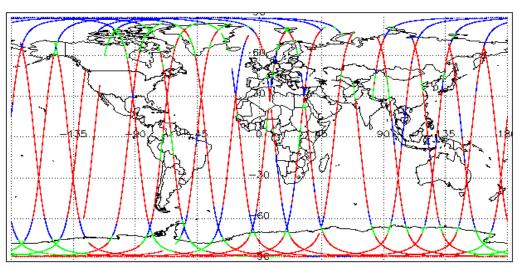
wission / instrument news		
01-Sep-2019 None		

02-Sep-2019 None 03-Sep-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 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:

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:

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4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

2

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20190902T184718_20190902T190133_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20190902T194713_20190902T195516_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:

23

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20190902T051651_20190902T052126_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190902T120114_20190902T122457_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190902T155955_20190902T163540_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190902T174729_20190902T175131_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190902T193530_20190902T194453_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190902T200711_20190902T202417_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190902T014523_20190902T014618_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190902T015556_20190902T015718_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190902T041156_20190902T041621_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190902T050006_20190902T050053_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190902T050133_20190902T050336_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190902T050420_20190902T050547_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190902T074250_20190902T074410_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190902T082144_20190902T082354_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190902T100726_20190902T100801_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190902T150515_20190902T150605_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190902T182641_20190902T182759_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190902T214113_20190902T214701_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190902T013234_20190902T013415_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190902T014014_20190902T014039_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190902T025502_20190902T025949_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190902T065110_20190902T065221_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190902T140141_20190902T140711_C001	Loss of Echo	The tracking echo is missing for one or more records

5. NOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

0

5.2 L2 Product Header Analysis

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

Number of products with errors:

0

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

0

5.4 L2 Auxiliary Correction Error Check

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

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

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

Number of products with errors:

There is an error with the Mean Dynamic Topography height for one or CS_OFFL_SIR_NOPM_2_20190902T013059_20190902T013234_C001 Mean Dynamic Topography (1) more records There is an error with the Mean Dynamic Topography height for one or CS_OFFL_SIR_NOPM_2_20190902T042722_20190902T044623_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography height for one or CS_OFFL_SIR_NOPM_2_20190902T080152_20190902T081522_C001 Mean Dynamic Topography (1) more records There is an error with the Mean Dynamic Topography height for one or CS_OFFL_SIR_NOPM_2_20190902T132628_20190902T133122_C001 Mean Dynamic Topography (1) more records There is an error with the Mean Dynamic Topography height for one or CS OFFL SIR NOPM 2 20190902T133947 20190902T134122 C001 Mean Dynamic Topography (1) more records There is an error with the Mean Dynamic Topography height for one or CS_OFFL_SIR_NOPM_2_20190902T193530_20190902T194453_C001 Mean Dynamic Topography (1) more records Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean There is an error with the MSS height (solution 1), the Mean Dynamic CS OFFL SIR NOPN 2 20190902T005456 20190902T005847 C001 Tide (GOT), Total Geocentric Ocean Topography (solution 1) and the tidal corrections for one or more records Tide (FES), Non-Equilibrium Long Period Ocean Tide There is an error with the Mean Dynamic Topography height for one or CS OFFL SIR NOPN 2 20190902T014523 20190902T014618 C001 Mean Dynamic Topography (1) more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_NOPN_2_20190902T023438_20190902T023752_C001 Topography (1) Topography height (solution 1) for one or more records There is an error with the Mean Dynamic Topography height for one or CS_OFFL_SIR_NOPN_2_20190902T024307_20190902T024421_C001 Mean Dynamic Topography (1) more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic CS_OFFL_SIR_NOPN_2_20190902T041156_20190902T041621_C001 Topography (1) There is an error with the Mean Dynamic Topography height for one or CS OFFL SIR NOPN 2 20190902T042210 20190902T042328 C001 Mean Dynamic Topography (1) nore records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_NOPN_2_20190902T050133_20190902T050336_C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean There is an error with the MSS height (solution 1), the Mean Dynamic CS OFFL SIR NOPN 2 20190902T050420 20190902T050547 C001 Tide (GOT), Total Geocentric Ocean Topography (solution 1) and the tidal corrections for one or more records Tide (FES), Non-Equilibrium Long Period Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1), the Mean Dynamic Topography (1), Total Geocentric Ocean Topography height (solution 1) and the Total Geocentric Ocean Tide height CS_OFFL_SIR_NOPN_2_20190902T055938_20190902T060125_C001 Tide (GOT) (solution 1: GOT) for one or more records There is an error with the Mean Dynamic Topography height for one or CS_OFFL_SIR_NOPN_2_20190902T064350_20190902T064453_C001 Mean Dynamic Topography (1) more records Mean Sea Surface (1), Mean Dynamic here is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height CS OFFL SIR NOPN 2 20190902T073748 20190902T074015 C001 Topography (1), Total Geocentric Ocean Tide (GOT) (solution 1: GOT) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_NOPN_2_20190902T082144_20190902T082354_C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_NOPN_2_20190902T091652_20190902T092109_C001 Topography (1) Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Mean Sea Surface (1), Mean Dynamic CS OFFL SIR NOPN 2 20190902T095825 20190902T100217 C001 Topography (1) Topography height (solution 1) for one or more records There is an error with the Mean Dynamic Topography height for one or CS_OFFL_SIR_NOPN_2_20190902T100726_20190902T100801_C001 Mean Dynamic Topography (1) more records There is an error with the Mean Dynamic Topography height for one or CS OFFL SIR NOPN 2 20190902T140711 20190902T140831 C001 Mean Dynamic Topography (1) nore records There is an error with the MSS height (solution 1) and the Mean Dynamic Mean Sea Surface (1), Mean Dynamic CS_OFFL_SIR_NOPN_2_20190902T141400_20190902T141717_C001 Topography (1) Topography height (solution 1) for one or more records There is an error with the Mean Dynamic Topography height for one or CS_OFFL_SIR_NOPN_2_20190902T150515_20190902T150605_C001 Mean Dynamic Topography (1) more records There is an error with the Mean Dynamic Topography height for one or CS OFFL SIR NOPN 2 20190902T154636 20190902T154750 C001 Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean There is an error with the MSS height (solution 1), the Mean Dynamic Tide (GOT), Total Geocentric Ocean CS OFFL SIR NOPN 2 20190902T155257 20190902T155613 C001 Topography (solution 1) and the tidal corrections for one or more records Tide (FES), Non-Equilibrium Long Period Ocean Tide There is an error with the MSS height (solution 1) and the Mean Dynamic Mean Sea Surface (1), Mean Dynamic CS OFFL SIR NOPN 2 20190902T172730 20190902T173008 C001 Topography height (solution 1) for one or more records Topography (1) Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_NOPN_2_20190902T173201_20190902T173745_C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS OFFL SIR NOPN 2 20190902T182249 20190902T182417 C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_NOPN_2_20190902T190555_20190902T190734_C001 Topography (1) Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Mean Sea Surface (1), Mean Dynamic CS_OFFL_SIR_NOPN_2_20190902T200159_20190902T200306_C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS OFFL SIR NOPN 2 20190902T204501 20190902T204704 C001 Topography height (solution 1) for one or more records Topography (1) Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height CS OFFL SIR NOPN 2 20190902T214113 20190902T214701 C001 Topography (1), Total Geocentric Ocean Tide (GOT) (solution 1: GOT) for one or more records There is an error with the Mean Dynamic Topography height for one or CS OFFL SIR NOPN 2 20190902T222433 20190902T222551 C001 Mean Dynamic Topography (1) more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_NOPN_2_20190902T232130_20190902T232702_C001 Topography height (solution 1) for one or more records Topography (1)

CS_OFFL_SIR_NOPR_2_20190902T000642_20190902T001251_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_20190902T013519_20190902T013658_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_20190902T014618_20190902T015406_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_20190902T032554_20190902T033324_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_20190902T050547_20190902T051339_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_20190902T064453_20190902T065019_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_20190902T082354_20190902T083054_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_20190902T100217_20190902T100726_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_20190902T133501_20190902T133652_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_20190902T190401_20190902T190555_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195625_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_20190902T231629_20190902T232130_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:

2

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190902T184718_20190902T190133_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_NOPM_2_20190902T194713_20190902T195516_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20Hz)

CryoSat L2 data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Hz measurement record. The bit value of this flag indicates any problems when set.

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

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

Number of products with errors:

Product	Test Failed	Description
	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_20190902T005847_20190902T010436_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_20190902T010758_20190902T011305_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_20190902T011431_20190902T012602_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_20190902T014345_20190902T014523_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_20190902T015718_20190902T023025_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.
	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_20190902T024953_20190902T025406_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_20190902T025421_20190902T025502_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_20190902T030453_20190902T030900_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_20190902T032025_20190902T032432_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_20190902T033441_20190902T034558_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_20190902T034844_20190902T040945_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_20190902T041800_20190902T042210_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_20190902T042722_20190902T044623_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_20190902T044719_20190902T045138_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_20190902T050053_20190902T050121_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_20190902T051651_20190902T052126_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_20190902T052305_20190902T054045_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_20190902T054049_20190902T054846_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_20190902T055124_20190902T055651_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_20190902T060756_20190902T062025_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_20190902T062107_20190902T063817_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_20190902T064216_20190902T064350_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_20190902T070144_20190902T071118_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_20190902T071321_20190902T072754_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_20190902T073051_20190902T073548_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_20190902T074508_20190902T075632_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_20190902T080152_20190902T081522_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_20190902T082122_20190902T082142_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_20190902T083538_20190902T084428_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_20190902T085243_20190902T090632_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_20190902T091016_20190902T091501_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_20190902T091525_20190902T091534_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_20190902T092256_20190902T094821_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_20190902T101647_20190902T101708_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_20190902T114738_20190902T114745_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_20190902T114806_20190902T115605_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_20190902T120114_20190902T122457_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_20190902T122833_20190902T123329_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

	OCOG Altimeter Range Quality, OCOG	The OCOG Altimeter Range and Backscatter Quality Flags have been set
CS_OFFL_SIR_NOPM_2_20190902T123337_20190902T123705_C001	Backscatter Quality	for one or more records.
CS_OFFL_SIR_NOPM_2_20190902T124137_20190902T131514_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_20190902T132628_20190902T133122_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_20190902T134227_20190902T134528_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_20190902T140018_20190902T140141_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_20190902T140831_20190902T141400_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_20190902T142127_20190902T145608_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_20190902T150605_20190902T150828_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_20190902T152615_20190902T154219_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_20190902T154750_20190902T155257_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_20190902T155955_20190902T163540_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_20190902T164604_20190902T164721_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_20190902T165751_20190902T172031_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_20190902T173008_20190902T173201_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_20190902T173947_20190902T174726_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_20190902T175252_20190902T175349_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_20190902T175356_20190902T175624_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_20190902T180105_20190902T181042_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_20190902T181045_20190902T181521_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_20190902T182759_20190902T184524_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_20190902T184718_20190902T190133_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_20190902T190906_20190902T191112_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_20190902T191207_20190902T191614_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_20190902T191857_20190902T193132_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_20190902T193530_20190902T194453_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_20190902T200458_20190902T200642_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_20190902T200711_20190902T202417_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_20190902T202948_20190902T203830_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_20190902T203842_20190902T204223_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_20190902T204704_20190902T205516_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_20190902T205835_20190902T211326_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_20190902T211823_20190902T212146_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_20190902T214701_20190902T215542_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_20190902T215615_20190902T2222206_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_20190902T222551_20190902T222755_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_20190902T222832_20190902T223351_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_20190902T223853_20190902T230145_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_20190902T233426_20190903T000052_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_20190902T101708_20190902T101836_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_20190902T140711_20190902T140831_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_20190902T173201_20190902T173745_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_20190902T200359_20190902T200458_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_20190902T222755_20190902T222832_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_20190902T231434_20190902T231503_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_20190902T231606_20190902T231629_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_20190902T014618_20190902T015406_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_20190902T041753_20190902T041800_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_20190902T072754_20190902T072909_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_20190902T074410_20190902T074508_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_20190902T085144_20190902T085243_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

Number of products with errors:

83

Product	Test Failed	Description
	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_20190902T010436_20190902T010600_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
	Altimeter Range and Backscatter Quality PLRM	set for one or more records.
CS_OFFL_SIR_NOPN_2_20190902T014039_20190902T014202_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_20190902T015406_20190902T015512_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_20190902T023438_20190902T023752_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_20190902T024307_20190902T024421_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_20190902T030411_20190902T030453_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_20190902T041156_20190902T041621_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_20190902T042210_20190902T042328_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_20190902T050133_20190902T050336_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_20190902T055003_20190902T055124_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_20190902T055938_20190902T060125_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_20190902T064023_20190902T064216_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_20190902T072909_20190902T073051_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_20190902T074250_20190902T074410_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_20190902T075825_20190902T080152_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_20190902T081816_20190902T081940_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_20190902T090757_20190902T091016_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_20190902T091652_20190902T092109_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_20190902T095605_20190902T095729_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_20190902T095825_20190902T100217_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_20190902T101708_20190902T101836_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_20190902T122705_20190902T122715_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_20190902T131514_20190902T131627_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_20190902T131709_20190902T131743_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_20190902T134122_20190902T134227_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_20190902T134723_20190902T135057_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_20190902T141400_20190902T141717_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.

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CS_OFFL_SIR_NOPN_2_20190902T150515_20190902T150605_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_20190902T150828_20190902T150850_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_20190902T151401_20190902T151513_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_20190902T152355_20190902T152615_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_20190902T154636_20190902T154750_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_20190902T173201_20190902T173745_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_20190902T190330_20190902T190401_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_20190902T190555_20190902T190734_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_20190902T191614_20190902T191751_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_20190902T194453_20190902T194713_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_20190902T200159_20190902T200306_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_20190902T202417_20190902T202948_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_20190902T204501_20190902T204704_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_20190902T205516_20190902T205704_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_20190902T212210_20190902T212555_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_20190902T214113_20190902T214701_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_20190902T230145_20190902T230317_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_20190902T231606_20190902T231629_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_20190902T232130_20190902T232702_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_20190902T000642_20190902T001251_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_20190902T005046_20190902T005456_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_20190902T014014_20190902T014039_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_20190902T014202_20190902T014231_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_20190902T014618_20190902T015406_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_20190902T023025_20190902T023438_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_20190902T024421_20190902T024953_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_20190902T032432_20190902T032543_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.

DOOR JUNE SYSTE, 2019. 2	CS_OFFL_SIR_NOPR_2_20190902T032554_20190902T033324_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.
Comparison Com	CS_OFFL_SIR_NOPR_2_20190902T040945_20190902T041156_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
Col. OFFL. SIR. NOPR. 2. 20199927109021. 20199927109022. CUID Col. OFFL. SIR. NOPR. 2. 20199927109021. CUID Col. OFFL. SIR. NOPR. 2. 20199927109021. CUID Col. OFFL. SIR. NOPR. 2. 20199927109022. CUID Col. OFFL. SIR. NOPR. 2. 2019992710902. CUID Col. OFFL. SIR. NOPR. 2. 20199927110902. CUID Col. OFFL. SIR. NOPR. 2. 20199927110902. CUID Col. OFFL. SIR.	CS_OFFL_SIR_NOPR_2_20190902T041753_20190902T041800_C001		
CB_CPFL_SIR_NOPE_2_2016000716091_00193821700225_0001	CS_OFFL_SIR_NOPR_2_20190902T050547_20190902T051339_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_OFFL_SIR_NOPR_2_20100802T100312_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100312_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100312_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100312_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100317_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100317_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100317_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100317_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100317_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100318_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100318_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100310_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100310_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100310_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100310_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100310_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T1001001_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T1001001_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100101_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100101_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100101_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100101_2010002T103100_201 CB_OFFL_SIR_NOPR_2_20100802T100101_2010002T100100_201 CB_OFFL_SIR_NOPR_2_20100802T100100_2010002T10000_201 CB_OFFL_SI	CS_OFFL_SIR_NOPR_2_20190902T060125_20190902T060756_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
USE_OFFL_SIR_NOPR_2_20108002T10928_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10001_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10001_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10001_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10001_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10001_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10001_20108002T10928_C001 CS_OFFL_SIR_NOPR_2_20108002T10001_2	CS_OFFL_SIR_NOPR_2_20190902T065110_20190902T065221_C001	OCOG Backscatter Quality	
OCOG Backscatter Coulty P. EM. OCOG Allmorer Range and Backscatter Coulty P. Egg. OCOG Allmorer Range and Backscatter Coulty P. Egg. OCOG Allmorer Range and Backscatter Coulty P. Egg. In OCOG Allmorer Range and	CS_OFFL_SIR_NOPR_2_20190902T082354_20190902T083054_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Cuality FILIA COCG. Affinited Reging and Backscatter Cuality Filiags have been been addressed to come reging and backscatter Cuality Filiags have been addressed from the Cock Affinited Reging and Backscatter Cuality Filiags have been addressed from the Cock Affinited Reging and Backscatter Cuality Filiags have been at the come of more received. CS_OFFL_SIR_NOPR_2_20190002T100210_20190002T100725_C001 CS_OFFL_SIR_NOPR_2_20190002T100011_20190002T100724_C001 CS_OFFL_SIR_NOPR_2_20190002T100012_20190002T100724_C001 CS_OFFL_SIR_NOPR_2_20190002T100012_20190002T100042_C001 CS_OFFL_SIR_NOPR_2_20190002T1100012_20190002T100042_C001 CS_OFFL_SIR_NOPR_2_20190002T1100002T100042_C001 CS_OFFL_SIR_NOPR_2_20190002T1100002T1000042_C001 CS_OFFL_SIR_NOPR_2_20190002T1100002T1000042_C001 CS_OFFL_SIR_NOPR_2_20190002T1100002T1000042_C001 CS_OFFL_SIR_NOPR_2_20190002T1100002T1000042_C001 CS_OFFL_SIR_NOPR_2_20190002T1100002T1000042_C001 CS_OFFL_SIR_NOPR_2_20190002T1100002T1000042_C001 CS_OFFL_SIR_NOPR_2_20190002T1100002T1000042_C001 CS_OFFL_SIR_NOPR_2_20190002T100002T1000042_C001 CS_OFFL_SIR_NOPR_2_20190002T100002T1000042_C001 CS_OFFL_SIR_NOPR_2_20190002T1000042_C001 CS_OFFL_SIR_NOPR_2_20190002T1000042_C00100044 CS_OFFL_SIR_NOPR_2_20190002T1000042_C00100044 CS_OFFL_SIR_NOPR_2_20190002T1000042_C00100044 CS	CS_OFFL_SIR_NOPR_2_20190902T084429_20190902T085142_C001		
and Backscated Caulity PLRM. COCG. All Broken Range and Backscated Caulity Plant CoCG. All Broken Range and Backscated Caulity Plant CoCG. All Broken Range and Backscated Caulity Plant CoCG. All Broken Range SHA, SWH and Backscated Caulity Plant CoCG. All Broken Range SHA, SWH and Backscated Caulity Plant CoCG. All Broken Range SHA, SWH and Backscated Caulity Plant CoCG. All Broken Range SHA, SWH and Backscated Caulity Plant CoCG. All Broken Range SHA, SWH and Backscated Caulity Plant CoCG. All Broken Range SHA, SWH and Backscated Caulity Plant CoCG. All Broken Range SHA, SWH and Backscated Caulity Plant CoCG. All Broken Range SHA, SWH and Backscated Caulity Plant CoCG. All Broken Range SHA, SWH and Backscated Caulity Plant No. CS. OFFL SIR NOPR 2 20190902712275. 2019092712770, 2001 CS. OFFL SIR, NOPR 2 20190902712775. 20190927137702. 2001 CS. OFFL SIR, NOPR 2 20190902714777, 20190927140771, 2001 CS. OFFL SIR, NOPR 2 20190902714777, 20190927140771, 2001 CS. OFFL SIR, NOPR 2 20190902714777, 20190927140771, 2001 CS. OFFL SIR, NOPR 2 20190902714777, 20190902714277, 2001 CS. OFFL SIR, NOPR 2 20190902714777, 20190927147777, 2019092714777, 2019092714777, 2019092714777, 2019092714777, 2019092714777, 20190927147777, 2019092714777, 20190927147777, 2019092714777, 20190927147777, 20190927147777, 20190927147777, 20190927147777, 20190927147777, 20190927147777, 20190927147777, 20190927147777, 20190927147777, 20190927147777, 20190927147777, 20190927147777, 20190927147777, 20190927147777, 20190927147777, 201	CS_OFFL_SIR_NOPR_2_20190902T090632_20190902T090757_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and flackscatter Quality PLRM. OCOS Ammeter Range. SIAL SWH and Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20190902T100801_20190902T100842_C001 CS_OFFL_SIR_NOPR_2_20190902T12457_20190902T13709_C001 CS_OFFL_SIR_NOPR_2_20190902T12457_20190902T13709_C001 CS_OFFL_SIR_NOPR_2_20190902T147177_20190902T140711_C001 CS_OFFL_SIR_NOPR_2_20190902T147177_20190902T140711_C001 CS_OFFL_SIR_NOPR_2_20190902T1671709_C001 CS_OFFL_SIR_NOPR_2_20190902T1709109_C001772709_C001 CS_OFFL_SIR_NOPR_2_20190902T	CS_OFFL_SIR_NOPR_2_20190902T092109_20190902T092256_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20190902T124757_20190902T14717C01 CS_OFFL_SIR_NOPR_2_20190902T140141_20190902T140711_C001 CS_OFFL_SIR_NOPR_2_20190902T140141_20190902T140711_C001 CS_OFFL_SIR_NOPR_2_20190902T140141_20190902T140711_C001 CS_OFFL_SIR_NOPR_2_20190902T140141_20190902T140711_C001 CS_OFFL_SIR_NOPR_2_20190902T140141_20190902T140711_C001 CS_OFFL_SIR_NOPR_2_20190902T140141_20190902	CS_OFFL_SIR_NOPR_2_20190902T100217_20190902T100726_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_20199902T131627_20199902T140711_C001 CS_OFFL_SIR_NOPR_2_20199902T140141_20199902T140711_C001 CS_OFFL_SIR_NOPR_2_20199902T140141_20199902T140711_C001 CS_OFFL_SIR_NOPR_2_20199902T140141_20199902T140711_C001 CS_OFFL_SIR_NOPR_2_20199902T140717_20199902T140711_C001 CS_OFFL_SIR_NOPR_2_20199902T140711_20199902T140711_C001 CS_OFFL_SIR_NOPR_2_20199902T140711_20199902T140711_C001 CS_OFFL_SIR_NOPR_2_20199902T151513_20199902T151250_C001 CS_OFFL_SIR_NOPR_2_20199902T151513_20199902T154638_C001 CS_OFFL_SIR_NOPR_2_20199902T154219_20199902T154638_C001 CS_OFFL_SIR_NOPR_2_20199902T172031_20199902T173744_C001 CS_OFFL_SIR_NOPR_2_20199902T173745_20199902T173847_C001 CS_OFFL_SIR_NOPR_2_20199902T173745_20199902T173897_C001 CS_OFFL_SIR_NOPR_2_20199902T173745_20199902T173897_C001 CS_OFFL_SIR_NOPR_2_20199902T193539_20199902T173893_C001 CS_OFFL_SIR_NOPR_2_20199902T193539_20199902T173893_C001 CS_OFFL_SIR_NOPR_2_20199902T193539_20199902T193530_C001 CS_OFFL_SIR_NOPR_2_20199902T193539_20199902T193530_	CS_OFFL_SIR_NOPR_2_20190902T100801_20190902T100942_C001		
OCOG 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_20190902T141717_20190902T142127_C001 CS_OFFL_SIR_NOPR_2_20190902T151027_20190902T151250_C001 CS_OFFL_SIR_NOPR_2_20190902T151027_20190902T151721_C001 CS_OFFL_SIR_NOPR_2_20190902T151027_20190902T151721_C001 CS_OFFL_SIR_NOPR_2_20190902T151027_20190902T15720_C001 CS_OFFL_SIR_NOPR_2_20190902T151027_20190902T15720_C001 CS_OFFL_SIR_NOPR_2_20190902T151027_20190902T15720_C001 CS_OFFL_SIR_NOPR_2_20190902T151027_20190902T15720_C001 CS_OFFL_SIR_NOPR_2_20190902T15720_C001 CS_OFFL_SIR_NOPR_2_20190902T15720_C001 CS_OFFL_SIR_NOPR_2_20190902T15720_C001 CS_OFFL_SIR_NOPR_2_20190902T15720_C001 CS_OFFL_SIR_NOPR_2_20190902T15720_C001 CS_OFFL_SIR_NOPR_2_20190902T177347_C001 CS_OFFL_SIR_NOPR_2_20190902T177345_20190902T1773947_C001 CS_OFFL_SIR_NOPR_2_20190902T177345_20190902T173947_C001 CS_OFFL_SIR_NOPR_2_20190902T173745_20190902T173947_C001 CS_OFFL_SIR_NOPR_2_20190902T173745_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190505_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190505_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190505_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190505_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190505_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190505_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190505_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190505_C001 CS_OFFL_SIR_NOPR_2_201	CS_OFFL_SIR_NOPR_2_20190902T122457_20190902T122705_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
SOFFL_SIR_NOPR_2_20190902T140711_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20190902T141717_20190902T14212T_C001 CS_OFFL_SIR_NOPR_2_20190902T151513_20190902T151250_C001 CS_OFFL_SIR_NOPR_2_20190902T151513_20190902T15126_C001 CS_OFFL_SIR_NOPR_2_20190902T151513_20190902T151636_C001 CS_OFFL_SIR_NOPR_2_20190902T154219_20190902T154636_C001 CS_OFFL_SIR_NOPR_2_20190902T154219_20190902T154636_C001 CS_OFFL_SIR_NOPR_2_20190902T172031_20190902T172730_C001 CS_OFFL_SIR_NOPR_2_20190902T172031_20190902T172730_C001 CS_OFFL_SIR_NOPR_2_20190902T172031_20190902T172730_C001 CS_OFFL_SIR_NOPR_2_20190902T173745_20190902T173947_C001 CS_OFFL_SIR_NOPR_2_20190902T173745_20190902T173947_C001 CS_OFFL_SIR_NOPR_2_20190902T173745_20190902T173947_C001 CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T19555_C001 CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T19555_C001 CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T19555_C001 CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195525_C001 CCS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195525_C001 CCS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195525_C001 CCS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195525_C001 CCS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195525_C001 CCS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195525_C001 CCS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195525_C001 CCS	CS_OFFL_SIR_NOPR_2_20190902T131627_20190902T131709_C001		
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Backscatter Qu	CS_OFFL_SIR_NOPR_2_20190902T140141_20190902T140711_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20190902T151513_20190902T151721_C001 CS_OFFL_SIR_NOPR_2_20190902T151513_20190902T154636_C001 CS_OFFL_SIR_NOPR_2_20190902T154219_20190902T154636_C001 CS_OFFL_SIR_NOPR_2_20190902T172031_20190902T172730_C001 CS_OFFL_SIR_NOPR_2_20190902T172031_20190902T172730_C001 CS_OFFL_SIR_NOPR_2_20190902T173745_20190902T172730_C001 CS_OFFL_SIR_NOPR_2_20190902T173745_20190902T173947_C001 CS_OFFL_SIR_NOPR_2_20190902T173745_20190902T173947_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T193329_20190902T195550_C001 CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195616_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195616_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195616_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195616_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195616_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195616_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195616_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195616_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195616_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195616_20190902T195625_	CS_OFFL_SIR_NOPR_2_20190902T141717_20190902T142127_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_20190902T154219_20190902T154636_C001 CS_OFFL_SIR_NOPR_2_20190902T172031_20190902T172730_C001 CS_OFFL_SIR_NOPR_2_20190902T172031_20190902T172730_C001 CS_OFFL_SIR_NOPR_2_20190902T172031_20190902T172730_C001 CS_OFFL_SIR_NOPR_2_20190902T173745_20190902T173947_C001 CS_OFFL_SIR_NOPR_2_20190902T173745_20190902T173947_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T1905516_20190902T193530_C001 CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T105704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T213532_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T213532_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T213532_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T213532_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T213532_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T213532_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T213532_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T213532_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T213532_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T213532_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T213532_20190902T205835	CS_OFFL_SIR_NOPR_2_20190902T151027_20190902T151250_C001		
and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, 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, 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	CS_OFFL_SIR_NOPR_2_20190902T151513_20190902T151721_C001		
CS_OFFL_SIR_NOPR_2_20190902T172031_20190902T172730_C001 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_20190902T173745_20190902T173947_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T193329_20190902T193530_C001 CS_OFFL_SIR_NOPR_2_20190902T193329_20190902T193530_C001 CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Ran	CS_OFFL_SIR_NOPR_2_20190902T154219_20190902T154636_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 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_C001 CS_OFFL_SIR_NOPR_2_20190902T193329_20190902T193530_C001 CS_OFFL_SIR_NOPR_2_20190902T193516_20190902T19555_C001 CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902T	CS_OFFL_SIR_NOPR_2_20190902T172031_20190902T172730_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_20190902T190401_20190902T190555_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20190902T193329_20190902T193530_C001 CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195625_C001 CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 CS_OFFL_SIR_NOPR_2_20190902	CS_OFFL_SIR_NOPR_2_20190902T173745_20190902T173947_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_20190902T193329_20190902T193530_C001 OCOG Backscatter Quality	CS_OFFL_SIR_NOPR_2_20190902T190401_20190902T190555_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_20190902T193016_20190902T19302S_C001 OCOG Backscatter Quality more records. 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 have been set for one or more records. The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_NOPR_2_20190902T193329_20190902T193530_C001		
CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM and the OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPR_2_20190902T211326_20190902T211600_C001 CS_OFFL_SIR_NOPR_2_20190902T211326_20190902T211600_C001 CS_OFFL_SIR_NOPR_2_20190902T211326_20190902T211600_C001 CS_OFFL_SIR_NOPR_2_20190902T211326_20190902T211600_C001 CS_OFFL_SIR_NOPR_2_20190902T211326_20190902T211600_C001	CS_OFFL_SIR_NOPR_2_20190902T195516_20190902T195625_C001	OCOG Backscatter Quality	
	CS_OFFL_SIR_NOPR_2_20190902T205704_20190902T205835_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 more records.	CS_OFFL_SIR_NOPR_2_20190902T211326_20190902T211600_C001		

CS_OFFL_SIR_NOPR_2_20190902T211604_20190902T211823_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_20190902T223626_20190902T223853_C001

Ocean Altimeter Range, SSHA, SWH

The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been 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.

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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: