

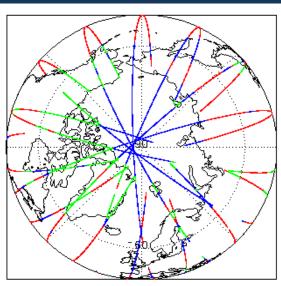
1. Overview

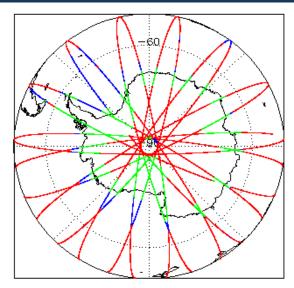
Report Production:	23-Mar-2020	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data	

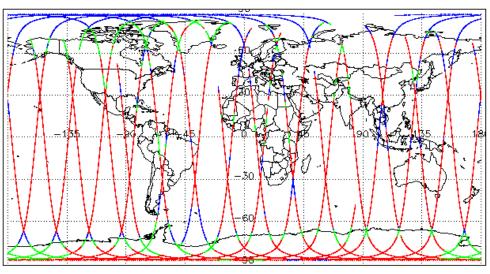
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 5.4
Measurement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

Mission / Instru	Mission / Instrument News	
21-Mar-2020	None	
22-Mar-2020	None	
23-Mar-2020	Nothing planned	

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use:	SIRAL - A
Star Tracker(s) in use:	Star Tracker 1

4. NOP Level 1B Data Quality Check

4.1 L1B Product Format Check

4.2 L1B Product Header Analysis

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

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

Number of products with errors:

4.3 L1B Auxilary Data File Usage Check

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

Dynamic Atmospheric Correction: The DAC is missing in all products because the auxiliary files required are not available in time for processing. This known and expected behaviour.

Number of products with errors:

0

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

Ω

4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

4

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20200322T061146_20200322T061334_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

17

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20200322T083853_20200322T085032_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20200322T175404_20200322T180956_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20200322T023033_20200322T023451_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20200322T064858_20200322T065410_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20200322T074003_20200322T074353_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20200322T105816_20200322T110031_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20200322T114054_20200322T114236_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20200322T190642_20200322T190847_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20200322T204906_20200322T205012_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20200322T214754_20200322T214921_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20200322T222342_20200322T222910_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20200322T232211_20200322T232543_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20200322T024528_20200322T024735_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20200322T060501_20200322T061145_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20200322T081636_20200322T082335_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20200322T092650_20200322T092914_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20200322T191957_20200322T192206_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:

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:

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.

CS_OFFL_SIR_NOPR_2_20200322T221855_20200322T221946_C001

CS_OFFL_SIR_NOPR_2_20200322T222910_20200322T223609_C001

> 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 There is an error with the Mean Dynamic Topography height for one or CS_OFFL_SIR_NOPN_2_20200322T001422_20200322T001636_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_20200322T005217_20200322T005755_C001 Mean Dynamic Topography (1) more records There is an error with the MSS height (solution 1) and the Total Geocentric Mean Sea Surface (1), Total Geocentric CS_OFFL_SIR_NOPN_2_20200322T023033_20200322T023451_C001 Ocean Tide height (solution 1: GOT) for one or more records Ocean Tide (GOT) There is an error with the Mean Dynamic Topography height for one or CS OFFL SIR NOPN 2 20200322T032347 20200322T032512 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_20200322T041216_20200322T041412_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_20200322T050317_20200322T050443_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 20200322T050957 20200322T051259 C001 Topography height (solution 1) for one or more records Topography (1) There is an error with the Mean Dynamic Topography height for one or CS_OFFL_SIR_NOPN_2_20200322T064321_20200322T064625_C001 Mean Dynamic Topography (1) 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_20200322T064858_20200322T065410_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 CS_OFFL_SIR_NOPN_2_20200322T074003_20200322T074353_C001 Topography (1), Total Geocentric Ocean Topography height (solution 1) and the Total Geocentric Ocean Tide height 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_20200322T082335_20200322T082439_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 20200322T091848 20200322T092005 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_20200322T092212_20200322T092456_C001 Topography (1) Topography height (solution 1) for one or more records Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) There is an error with the Mean Dynamic Topography (solution 1) and the CS_OFFL_SIR_NOPN_2_20200322T095834_20200322T100442_C001 Total Geocentric Ocean Tide (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_20200322T105816_20200322T110031_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 20200322T114054 20200322T114236 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 20200322T123740 20200322T124224 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_20200322T132912_20200322T133152_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 20200322T141818 20200322T142226 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_20200322T150014_20200322T150403_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 20200322T154132 20200322T154200 C001 Mean Dynamic Topography (1) There is an error with the Total Geocentric Ocean Tide height (solution 1: CS OFFL SIR NOPN 2 20200322T154819 20200322T154859 C001 Total Geocentric Ocean Tide (GOT) GOT) for one or more records There is an error with the Total Geocentric Ocean Tide height (solution 1: CS_OFFL_SIR_NOPN_2_20200322T160117_20200322T160244_C001 Total Geocentric Ocean Tide (GOT) 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_20200322T163954_20200322T164308_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_20200322T164822_20200322T164939_C001 Mean Dynamic Topography (1) 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_20200322T182727_20200322T182841_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 20200322T190941 20200322T191104 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 20200322T204341 20200322T204758 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 20200322T204906 20200322T205012 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_20200322T214302_20200322T214534_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_20200322T222342_20200322T222910_C001 Topography height (solution 1) for one or more records Topography (1) 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_20200322T232211_20200322T232543_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 NOPR 2 20200322T005756 20200322T010144 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_NOPR_2_20200322T085033_20200322T085210_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_NOPR_2_20200322T123332_20200322T123739_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_NOPR_2_20200322T140750_20200322T141818_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 NOPR 2 20200322T154027 20200322T154131 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_NOPR_2_20200322T155134_20200322T155921_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_NOPR_2_20200322T173123_20200322T174210_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 NOPR 2 20200322T191105 20200322T191846 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_NOPR_2_20200322T205013_20200322T205535_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_NOPR_2_20200322T214534_20200322T214754_C001 Mean Sea Surface (1) There is an error with the MSS height (solution 1) for one or more records There is an error with the MSS height (solution 1), the Mean Dynamic Mean Sea Surface (1), Mean Dynamic

Topography (1), Total Geocentric Ocean

Mean Sea Surface (1), Mean Dynamic

Tide (GOT)

Topography (1)

Topography height (solution 1) and the Total Geocentric Ocean Tide height

There is an error with the MSS height (solution 1) and the Mean Dynamic

solution 1: GOT) for one or more records

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_20200322T061146_20200322T061334_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: 92		
Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20200321T234112_20200322T000417_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_20200322T000730_20200322T001117_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_20200322T001715_20200322T004242_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_20200322T011808_20200322T014343_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_20200322T014512_20200322T015030_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_20200322T015037_20200322T015403_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_20200322T015627_20200322T023033_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_20200322T025328_20200322T030751_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_20200322T030755_20200322T031312_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20200322T031703_20200322T032336_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_20200322T032512_20200322T033307_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_20200322T033553_20200322T041012_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_20200322T042349_20200322T042445_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_20200322T045054_20200322T050305_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_20200322T050443_20200322T050956_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_20200322T051518_20200322T053811_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_20200322T054057_20200322T055020_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_20200322T060202_20200322T060245_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_20200322T060344_20200322T060501_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_20200322T061454_20200322T061901_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_20200322T062057_20200322T062704_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_20200322T062851_20200322T064212_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_20200322T064626_20200322T064858_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_20200322T065508_20200322T072626_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_20200322T074444_20200322T081636_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_20200322T082610_20200322T082805_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_20200322T083003_20200322T083309_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_20200322T083434_20200322T083845_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_20200322T083853_20200322T085032_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_20200322T085236_20200322T090311_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_20200322T092505_20200322T092650_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_20200322T092915_20200322T094112_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_20200322T100442_20200322T100725_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_20200322T100741_20200322T101210_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_20200322T101357_20200322T102858_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_20200322T103038_20200322T103321_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_20200322T110729_20200322T111318_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_20200322T111602_20200322T111839_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_20200322T111841_20200322T114020_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_20200322T114236_20200322T115117_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_20200322T115320_20200322T121841_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_20200322T125126_20200322T131927_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_20200322T133211_20200322T135953_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_20200322T142556_20200322T145834_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_20200322T150404_20200322T150950_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

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CS_OFFL_SIR_NOPM_2_20200322T151111_20200322T151734_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_20200322T152127_20200322T152819_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_20200322T160244_20200322T163740_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_20200322T164309_20200322T164821_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_20200322T165001_20200322T165309_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_20200322T165355_20200322T170930_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_20200322T171111_20200322T171843_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_20200322T172541_20200322T172636_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_20200322T174210_20200322T175118_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_20200322T175404_20200322T180956_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_20200322T181001_20200322T181619_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_20200322T182128_20200322T182308_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_20200322T182315_20200322T182727_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_20200322T182929_20200322T185140_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_20200322T185218_20200322T185654_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_20200322T192324_20200322T193728_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_20200322T193855_20200322T194720_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_20200322T194722_20200322T195515_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_20200322T195643_20200322T200207_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_20200322T200930_20200322T200956_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_20200322T201314_20200322T202541_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_20200322T202646_20200322T203952_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_20200322T204029_20200322T204337_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_20200322T205832_20200322T205847_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_20200322T205909_20200322T210019_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_20200322T210701_20200322T211638_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_20200322T211842_20200322T213423_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_20200322T213609_20200322T214104_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_20200322T214956_20200322T220227_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_20200322T220709_20200322T221854_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_20200322T221946_20200322T222005_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_20200322T225802_20200322T231322_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_20200322T231540_20200322T232018_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_20200322T232612_20200322T235340_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_20200322T004617_20200322T004827_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_20200322T041027_20200322T041123_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_20200322T042629_20200322T042659_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_20200322T043314_20200322T043424_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_20200322T091848_20200322T092005_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_20200322T213427_20200322T213609_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_20200322T214302_20200322T214534_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_20200322T231325_20200322T231531_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_20200322T133152_20200322T133211_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_20200322T145835_20200322T150014_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_20200322T160041_20200322T160057_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_20200322T173123_20200322T174210_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_20200322T205608_20200322T205727_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

Number of products with errors:

Product	Test Failed	Description
CS OFFI SIR NOPN 2 20200322T000417 20200322T000730 C001	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_20200322T001422_20200322T001636_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.

CS_OFFL_SIR_NOPN_2_20200322T004617_20200322T004827_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_20200322T005217_20200322T005755_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_20200322T011716_20200322T011808_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_20200322T033307_20200322T033420_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_20200322T041027_20200322T041123_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_20200322T050957_20200322T051259_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_20200322T061901_20200322T062056_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_20200322T064321_20200322T064625_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_20200322T064858_20200322T065410_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_20200322T074003_20200322T074353_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_20200322T082335_20200322T082439_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_20200322T082805_20200322T083003_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_20200322T083310_20200322T083433_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_20200322T090312_20200322T090554_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_20200322T091848_20200322T092005_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_20200322T092212_20200322T092456_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_20200322T094324_20200322T094404_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_20200322T095834_20200322T100442_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_20200322T105816_20200322T110031_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_20200322T110121_20200322T110349_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_20200322T110606_20200322T110728_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_20200322T121841_20200322T122111_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_20200322T123314_20200322T123332_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_20200322T123740_20200322T124224_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_20200322T124946_20200322T125037_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_20200322T132031_20200322T132204_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.

DOCG Sections of California (1997) DOCG Sections of California (1997) DOCG Sections (
CS_OFF_SIR_NOPN_2_20200227150914_2020022715094_CD001 CS_OFF_SIR_NOPN_2_20200227150914_2020022715094_CD001 CS_OFF_SIR_NOPN_2_20200227150917_2020022715094_CD001 CS_OFF_SIR_NOPN_2_20200227150917_2020022715094_CD001 CS_OFF_SIR_NOPN_2_2020022715092_CD001 CS_OFF_SIR_NOPN_2_2020022715092_CD001 CS_OFF_SIR_NOPN_2_2020022715092_CD001 CS_OFF_SIR_NOPN_2_2020022715092_CD001 CS_OFF_SIR_NOPN_2_2020022715092_CD001 CS_OFF_SIR_NOPN_2_2020022715092_CD001 CS_OFF_SIR_NOPN_2_2020022715094_CD001 CS_OFF_SIR_NOPN_2_20200027725094_CD001 CS_OFF_SIR_NOPR_2_20200027725094_CD001 CS_OFF_SIR_NOPR_2_20200027725094_CD001 CS_OFF_SIR_NOPR_2_20200027725094_CD001 CS_OFF_SIR_NOPR_2_20200027725094_CD001 CS_OFF_SIR_NOPR_2_2	CS_OFFL_SIR_NOPN_2_20200322T132336_20200322T132450_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20200022T193819_20200022T19440_CD01 CS_OFFL_SIR_NOPN_2_20200022T19480_ZD010022T194719_CD01 CS_OFFL_SIR_NOPN_2_20200022T19480_ZD010022T19490_CD01 CS_OFFL_SIR_NOPN_2_20200022T19480_ZD010022T19490_CD01	CS_OFFL_SIR_NOPN_2_20200322T132912_20200322T133152_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
OCOS Bedescenter Quality CB_OFFL_SIR_NOPN_2_20000022T164017_20200022T180244_Q001 CB_OFFL_SIR_NOPN_2_20000022T164017_20200022T180244_Q001 CB_OFFL_SIR_NOPN_2_20000022T164017_20200022T180244_Q001 CB_OFFL_SIR_NOPN_2_20000022T164017_20200022T180244_Q001 CB_OFFL_SIR_NOPN_2_20000022T164017_20200022T180246_Q001 CB_OFFL_SIR_NOPN_2_20000022T161017_20200022T180347_Q001 CB_OFFL_SIR_NOPN_2_20000022T161044_Q000022T180347_Q001 CB_OFFL_SIR_NOPN_2_20000022T180442_20200022T180347_Q001 CB_OFFL_SIR_NOPN_2_20000022T180442_20200022T180347_Q001 CB_OFFL_SIR_NOPN_2_20000022T180442_Q000022T180478_Q001 CB_OFFL_SIR_NOPN_2_20000022T1804042_20200022T180591_Q001 CB_OFFL_SIR_NOPN_2_20000022T1804042_20200022T180540_Q001 CB_OFFL_SIR_NOPN_2_20000022T1804042_20200022T180540_Q001 CB_OFFL_SIR_NOPN_2_20000022T1804042_20200022T180404_Q001 CB_OFFL_SIR_NOPN_2_20000022T1804042_20200022T180404_Q001 CB_OFFL_SIR_NOPN_2_20000022T1804042_20200022T180404_Q001 CB_OFFL_SIR_NOPN_2_20000022T1804042_20200022T180404_Q001 CB_OFFL_SIR_NOPN_2_20000022T1804042_20200022T180404_Q001 CB_OFFL_SIR_NOPN_2_20000022T1804042_20200022T1804040_Q001 CB_OFFL_SIR_NOPN_2_20000022T1804042_20200022T1804040_Q001 CB_OFFL_SIR_NOPN_2_20000022T1804042_20200022T1804040_Q001 CB_OFFL_SIR_NOPN_2_20000022T1804044_Q001 CB_OFFL_SIR_NOP	CS_OFFL_SIR_NOPN_2_20200322T150014_20200322T150403_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
OCOS Backcaster Quality PLM, OCOS Allmeter Range Cuality PLM, OCOS Allmeter Range and Backcaster Quality Flags have been set for on order of the Cocos Allmeter Range State State Cuality Flags have been set for on order or or or order or or or or order or	CS_OFFL_SIR_NOPN_2_20200322T152819_20200322T153014_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
OCOS Basciscatior Clustily OCS OFFIL.SIR_NOPN_2_20200322T164822_20200322T10493_CD01 OCS OFFIL.SIR_NOPN_2_20200322T164822_20200322T10493_CD01 OCS OFFIL.SIR_NOPN_2_20200322T190422_20200322T10493_CD01 OCS OFFIL.SIR_NOPN_2_20200322T10042_20200322T10044_CD01 OCS OFFIL.SIR_NOPN_2_20200322T100422_20200322T205012_CD01 OCS OFFIL.SIR_NOPN_2_20200322T204908_20200322T205012_CD01 OCS OFFIL.SIR_NOPN_2_20200322T204908_20200322T205012_CD01 OCS OFFIL.SIR_NOPN_2_20200322T204908_20200322T205012_CD01 OCS OFFIL.SIR_NOPN_2_20200322T204908_2020032T2105012_CD01 OCS OFFIL.SIR_NOPN_2_20200322T204908_2020032T2105012_CD01 OCS OFFIL.SIR_NOPN_2_20200322T204908_2020032T2105012_CD01 OCS OFFIL.SIR_NOPN_2_20200322T204908_2020032T2105012_CD01 OCS OFFIL.SIR_NOPN_2_20200322T204908_2020032T2105012_CD01 OCS OFFIL.SIR_NOPN_2_20200322T204908_2020032T2105012_CD01 OCS OFFIL.SIR_NOPN_2_20200322T20402_2020032T2105012_CD01 OCS OFFIL.SIR_NOPN_2_20200322T20402_2020032T2105014_CD01 OCS OFFIL.SIR_NOPN_2_20200322T20402_2020032T204032_CD01032T2	CS_OFFL_SIR_NOPN_2_20200322T154557_20200322T154719_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
and flackcasted Coality P.EM. COS GFI_SIR_NOFN_2_20200322T16771_2020032T18218_0001 CS_OFFI_SIR_NOFN_2_20200322T19771_2020032T18218_0001 CS_OFFI_SIR_NOFN_2_20200322T190642_2020032T190847_C001 CS_OFFI_SIR_NOFN_2_20200322T190642_2020032T190847_C001 CS_OFFI_SIR_NOFN_2_20200322T190642_2020032T190847_C001 CS_OFFI_SIR_NOFN_2_2020032T2190841_2020032T100847_C001 CS_OFFI_SIR_NOFN_2_2020032T204341_2020032T100847_C001 CS_OFFI_SIR_NOFN_2_2020032T204341_2020032T205012_C001 CS_OFFI_SIR_NOFN_2_2020032T204300_2020032T205012_C001 CS_OFFI_SIR_NOFN_2_2020032T214402_2020032T21900_C001 CS_OFFI_SIR_NOFN_2_2020032T214402_2020032T214534_C001 CS_OFFI_SIR_NOFN_2_2020032T214402_2020032T214534_C001 CS_OFFI_SIR_NOFN_2_2020032T214402_2020032T214534_C001 CS_OFFI_SIR_NOFN_2_2020032T212422_2020032T2124534_C001 CS_OFFI_SIR_NOFN_2_2020032T212422_2020032T2124534_C001 CS_OFFI_SIR_NOFN_2_2020032T212422_2020032T2124534_C001 CS_OFFI_SIR_NOFN_2_2020032T212422_2020032T2124534_C001 CS_OFFI_SIR_NOFN_2_2020032T212422_2020032T2124534_C001 CS_OFFI_SIR_NOFN_2_2020032T212422_2020032T2124534_C001 CS_OFFI_SIR_NOFN_2_2020032T2124502_2020032T2124534_C001 CS_OFFI_SIR_NOFN_2_2020032T2124402_2020032T2124534_C001 CS_OFFI_SIR_NOFN_2_2020032T2124402_2020032T2124534_C001 CS_OFFI_SIR_NOFN_2_2020032T220432_2020032T2124534_C001 CS_OFFI_SIR_NOFN_2_2020032T20432_2020032T20432_C001 CS_OFFI_SIR_NOFN_2_2020032T20432_2020032T20434_C001 CS_OFFI_SIR_NOFN_2_2020032T20432_2020032T20434_C001 CS_OFFI_SIR_NOFN_2_2020032T20432_2020032T20434_C001 CS_OFFI_SIR_NOFN_2_2020032T20432_2020032T20434_C001 CS_OFFI_SIR_NOFN_2_2020032T20432_2020032T20434_C001 CS_OFFI_SIR_NOFN_2_2020032T20432_2020032T20434_C001 CS_OFFI_SIR_NOFN_2_2020032T20432_2020032T2044_C001 CC_OFFI_SIR_NOFN_2_2020032T20432_2020032T20434_C001 CC_OFFI_SIR_NOFN_2_2020032T20432_2020032T20434_C001 CC_OFFI_SIR_NOFR_2_2020032T20432_202032T20434_C001 CC_OFFI_SIR_NOFR_2_2020032T20432_202032T20434_C001 CC_OFFI_SIR_NOFR_2_2020032T20432_202032T20434_C001 CC_OFFI_SIR_NOFR_2_2020032T20432_202032T20334_C001	CS_OFFL_SIR_NOPN_2_20200322T160117_20200322T160244_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
OCOS Alfimeter Range Cuality PLRM. OCOS Bankscatter Quality Flags have been set for on ozor socials. OCS Alfimeter Range SSHA, SWH and Backscatter Quality Flags have been set for ozor for ozor ozor ozor socials. OCS OFFIL.SIR_NOPN_2_20200322T204906_20200322T204976_C001 OCS Alfimeter Range SSHA, SWH and Backscatter Quality Flags have been set for ozor for ozor ozor ozor ozor ozor o	CS_OFFL_SIR_NOPN_2_20200322T164822_20200322T164939_C001	and Backscatter Quality PLRM, 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_20200322T204341_20200322T204769_C001 CS_OFFL_SIR_NOPN_2_20200322T204906_20200322T205012_C001 CS_OFFL_SIR_NOPN_2_20200322T204906_20200322T205012_C001 CS_OFFL_SIR_NOPN_2_20200322T204906_20200322T205012_C001 CS_OFFL_SIR_NOPN_2_20200322T204906_20200322T205012_C001 CS_OFFL_SIR_NOPN_2_20200322T210323_20200322T210521_C001 CS_OFFL_SIR_NOPN_2_20200322T210323_20200322T210521_C001 CS_OFFL_SIR_NOPN_2_20200322T210323_20200322T210521_C001 CS_OFFL_SIR_NOPN_2_20200322T214472_20200322T214500_C001 CS_OFFL_SIR_NOPN_2_20200322T21420_20200322T214534_C001 CS_OFFL_SIR_NOPN_2_20200322T21420_20200322T24534_C001 CS_OFFL_SIR_NOPN_2_20200322T22028_20200322T220432_C001 CS_OFFL_SIR_NOPN_2_20200322T22028_20200322T220432_C001 CS_OFFL_SIR_NOPN_2_20200322T22028_20200322T220432_C001 CS_OFFL_SIR_NOPN_2_20200322T22028_20200322T22078_C001 CS_OFFL_SIR_NOPN_2_20200322T22028_20200322T22078_C001 CS_OFFL_SIR_NOPR_2_20200322T203327_2020322T203353_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033535_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CCS_OFFL_SIR_NOPR_2_20200322T034425_20200322T033553_C001 CCS_OFFL_SIR_NOPR_2_20200322T034425_20200322T044126_C001 CCCC_OFFL_SIR_NOPR_2_20200322T044128_20200322T045604_C001 CCCC_OFFL_SIR_NOPR_2_20200322T044128_20200322T045604_C001 CCCC_OFFL_SIR_NOPR_2_20200322T033420_2020322T033553_C001 CCCC_OFFL_SIR_NOPR_2_20200322T033420_2020322T033553_C001 CCCC_OFFL_SIR_NOPR_2_20200322T034425_20200322T04564_C001 CCCC_OFFL_SIR_NOPR_2_20200322T044425_20200322T04564_C001 CCCC_OFFL_SIR_NOPR_2_20200322T044425_20200322T04564_C001 CCCC_OFFL_SIR_NOPR_2_20200322T044425_20200322T04564	CS_OFFL_SIR_NOPN_2_20200322T181711_20200322T182128_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
SC OFFL SIR NOPN 2 20200322T204306 20200322T205012 C001 CS OFFL SIR NOPN 2 20200322T204306 20200322T205012 C001 CS OFFL SIR NOPN 2 20200322T204303 20200322T213509 C001 CS OFFL SIR NOPN 2 20200322T21323 20200322T213509 C001 CS OFFL SIR NOPN 2 2020032ZT21323 2020032ZT213509 C001 CS OFFL SIR NOPN 2 2020032ZT21323 2020032ZT213509 C001 CS OFFL SIR NOPN 2 2020032ZT21323 202003ZZT213509 C001 CS OFFL SIR NOPN 2 202003ZZT21322 202003ZZT21453 C001 CS OFFL SIR NOPN 2 202003ZZT21322 202003ZZT21453 C001 CS OFFL SIR NOPN 2 202003ZZT21430 2 202003ZZT21453 C001 CS OFFL SIR NOPN 2 202003ZZT21430 2 202003ZZT21453 C001 CS OFFL SIR NOPN 2 202003ZZT22023 202003ZZT22043 C001 CS OFFL SIR NOPN 2 202003ZZT20223 202003ZZT22043 C001 CS OFFL SIR NOPN 2 202003ZZT20223 202003ZZT22043 C001 CS OFFL SIR NOPN 2 202003ZZT20223 202003ZZT22043 C001 CS OFFL SIR NOPN 2 202003ZZT2042 202003ZZT232543 C001 CS OFFL SIR NOPN 2 202003ZZT2047 202003ZZT232543 C001 CS OFFL SIR NOPR 2 202003ZZT005756 202003ZZT010144 C001 CS OFFL SIR NOPR 2 202003ZZT032347 C00203ZT032347 C001 CS OFFL SIR NOPR 2 202003ZZT032347 202003ZZT033355 C001 CS OFFL SIR NOPR 2 202003ZZT033357 202003ZZT0323555 C001 CS OFFL SIR NOPR 2 202003ZZT032347 202003ZZT0323555 C001 CS OFFL SIR NOPR 2 202003ZZT032347 202003ZZT0323555 C001 CS OFFL SIR NOPR 2 202003ZZT032347 202003ZZT032355 C001 CS OFFL SIR NOPR 2 202003Z	CS_OFFL_SIR_NOPN_2_20200322T190642_20200322T190847_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20200322T210323_20200322T210521_C001 CS_OFFL_SIR_NOPN_2_20200322T210323_20200322T210521_C001 CS_OFFL_SIR_NOPN_2_20200322T213427_20200322T213609_C001 CS_OFFL_SIR_NOPN_2_20200322T213427_20200322T213609_C001 CS_OFFL_SIR_NOPN_2_20200322T214302_20200322T214534_C001 CS_OFFL_SIR_NOPN_2_20200322T214302_20200322T214534_C001 CS_OFFL_SIR_NOPN_2_20200322T220228_20200322T220432_C001 CS_OFFL_SIR_NOPN_2_20200322T220432_20200322T220432_C001 CS_OFFL_SIR_NOPN_2_20200322T220432_20200322T220788_C001 CS_OFFL_SIR_NOPN_2_20200322T220432_20200322T220788_C001 CS_OFFL_SIR_NOPN_2_20200322T20432_20200322T2205432_C001 CS_OFFL_SIR_NOPN_2_20200322T20432_20200322T232543_C001 CS_OFFL_SIR_NOPN_2_20200322T20432_20200322T232543_C001 CS_OFFL_SIR_NOPN_2_20200322T20432_20200322T232543_C001 CS_OFFL_SIR_NOPN_2_20200322T2032347_C001 CS_OFFL_SIR_NOPR_2_20200322T032347_C001 CS_OFFL_SIR_NOPR_2_20200322T032347_C001 CS_OFFL_SIR_NOPR_2_20200322T032347_C001 CS_OFFL_SIR_NOPR_2_20200322T033537_20200322T032347_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T041212_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T041212_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T041212_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T041212_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T041212_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T041212_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T041212_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T041212_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_	CS_OFFL_SIR_NOPN_2_20200322T204341_20200322T204758_C001	and Backscatter Quality PLRM, 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.
OCG Backscater Quality CS_OFFL_SIR_NOPN_2_20200322T213427_20200322T213609_C001 CS_OFFL_SIR_NOPN_2_20200322T213427_20200322T213609_C001 CS_OFFL_SIR_NOPN_2_20200322T214302_20200322T214534_C001 CS_OFFL_SIR_NOPN_2_20200322T214302_20200322T214534_C001 CS_OFFL_SIR_NOPN_2_20200322T22028_20200322T20432_C001 CS_OFFL_SIR_NOPN_2_20200322T22028_20200322T20432_C001 CS_OFFL_SIR_NOPN_2_20200322T220432_20200322T220432_C001 CS_OFFL_SIR_NOPN_2_20200322T20432_20200322T220432_C001 CS_OFFL_SIR_NOPN_2_20200322T20432_20200322T220432_C001 CS_OFFL_SIR_NOPN_2_20200322T20432_20200322T20432_C001 CS_OFFL_SIR_NOPN_2_20200322T20432_20200322T20432_C001 CS_OFFL_SIR_NOPN_2_20200322T20432_20200322T20414_C001 CS_OFFL_SIR_NOPR_2_20200322T05756_20200322T010144_C001 CS_OFFL_SIR_NOPR_2_20200322T032337_20200322T032347_C001 CS_OFFL_SIR_NOPR_2_20200322T032337_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T032347_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T034425_20200322T034426_C001 CS_OFFL_SIR_NOPR_2_20200322T034425_20200322T04126_C001 CCG_OFFL_SIR_NOPR_2_20200322T04123_20200322T04126_C001 CCG_OFFL_SIR_NOPR_2_20200322T04123_20200322T04126_C001 CCG_OFFL_SIR_NOPR_2_20200322T04123_20200322T04126_C001 CCG_OFFL_SIR_NOPR_2_20200322T04123_20200322T04126_C001 CCG_OFFL_SIR_NOPR_2_20200322T04125_20200322T04126_C001 CCG_OFFL_SIR_NOPR_2_20200322T04125_20200322T04126_C001 CCG_OFFL_SIR_NOPR_2_20200322T04125_20200322T04126_C001 CCG_OFFL_SIR_NOPR_2_20200322T04126_C001 CCG_OFFL_SIR_NOPR_2_20200322T04126_C001 CCG_OFFL_SIR_NOPR_2_20200322T04126_C001 CCG_OFFL_SIR_NOPR_2_20200322T04126_C001 CCG_OFFL_SIR_NOPR_2_20200322T04126_C001 CCG_OFFL_SIR_NOPR_2_20200322T04126_C001 CCG_OFFL_SIR_NOPR_2_20200322T0	CS_OFFL_SIR_NOPN_2_20200322T204906_20200322T205012_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality PLRM, COCG Altimeter Range and Backscatter Quality PLRM. COCG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_NOPN_2_20200322T244302_20200322T24534_CO01 CS_OFFL_SIR_NOPN_2_20200322T22028_20200322T220432_CO01 CS_OFFL_SIR_NOPN_2_20200322T22028_20200322T220432_CO01 CS_OFFL_SIR_NOPN_2_20200322T220432_20200322T220788_CO01 CS_OFFL_SIR_NOPN_2_20200322T220432_20200322T220788_CO01 CS_OFFL_SIR_NOPN_2_20200322T232211_20200322T232543_CO01 CS_OFFL_SIR_NOPN_2_20200322T037327_20200322T010144_CO01 CS_OFFL_SIR_NOPR_2_20200322T037337_20200322T010144_CO01 CS_OFFL_SIR_NOPR_2_20200322T03337_20200322T033553_CO01 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_CO01 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T041216_CO01 COCG Altimeter Range and Backscatter Quality Flam And Bac	CS_OFFL_SIR_NOPN_2_20200322T210323_20200322T210521_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_NOPN_2_20200322T214302_20200322T214534_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPN_2_20200322T22028_20200322T220432_C001 CS_OFFL_SIR_NOPN_2_20200322T220432_20200322T220708_C001 CS_OFFL_SIR_NOPN_2_20200322T220432_20200322T220708_C001 CS_OFFL_SIR_NOPN_2_20200322T220432_20200322T232543_C001 CS_OFFL_SIR_NOPN_2_20200322T232211_20200322T232543_C001 CS_OFFL_SIR_NOPN_2_20200322T032371_20200322T232543_C001 CS_OFFL_SIR_NOPR_2_20200322T005756_20200322T010144_C001 CS_OFFL_SIR_NOPR_2_20200322T005756_20200322T010144_C001 CS_OFFL_SIR_NOPR_2_20200322T032337_20200322T010144_C001 CS_OFFL_SIR_NOPR_2_20200322T032337_20200322T032347_C001 CS_OFFL_SIR_NOPR_2_20200322T0333420_20200322T032353_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T032553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T032553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T04123_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T041266_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001	CS_OFFL_SIR_NOPN_2_20200322T213427_20200322T213609_C001	and Backscatter Quality PLRM, 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 Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM,	CS_OFFL_SIR_NOPN_2_20200322T214302_20200322T214534_C001	and Backscatter Quality PLRM, 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_20200322T232211_20200322T232543_C001 CS_OFFL_SIR_NOPN_2_20200322T232211_20200322T232543_C001 CS_OFFL_SIR_NOPN_2_20200322T032211_20200322T232543_C001 CS_OFFL_SIR_NOPR_2_20200322T005756_20200322T010144_C001 CS_OFFL_SIR_NOPR_2_20200322T005756_20200322T010144_C001 CS_OFFL_SIR_NOPR_2_20200322T03237_20200322T010144_C001 CS_OFFL_SIR_NOPR_2_20200322T03237_20200322T032347_C001 CS_OFFL_SIR_NOPR_2_20200322T032337_20200322T032347_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T041123_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T041123_20200322T043604_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C0	CS_OFFL_SIR_NOPN_2_20200322T220228_20200322T220432_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
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_20200322T005756_20200322T010144_C001 CS_OFFL_SIR_NOPR_2_20200322T005756_20200322T010144_C001 CS_OFFL_SIR_NOPR_2_20200322T032337_20200322T032347_C001 CS_OFFL_SIR_NOPR_2_20200322T032337_20200322T032347_C001 CS_OFFL_SIR_NOPR_2_20200322T032337_20200322T032347_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001 CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T041123_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001 Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_NOPN_2_20200322T220432_20200322T220708_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200322T03237_20200322T0323553_C001 CS_OFFL_SIR_NOPR_2_20200322T031237_20200322T032553_C001 CS_OFFL_SIR_NOPR_2_20200322T031237_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T041423_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	CS_OFFL_SIR_NOPN_2_20200322T232211_20200322T232543_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Ocean Altimeter Range, SSHA, SWH 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 PLRM OCOG Altimeter Range, SSHA, SWH 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 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_20200322T043425_20200322T043604_C001 OCEAN Altimeter Range, SSHA, SWH 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. The OCEAN Altimeter Range, SSHA, SWH 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.	CS_OFFL_SIR_NOPR_2_20200322T005756_20200322T010144_C001	and Backscatter Quality PLRM, 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.
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM. CS_OFFL_SIR_NOPR_2_20200322T041123_20200322T041216_C001 CS_OFFL_SIR_NOPR_2_20200322T04123_20200322T043604_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001 The Ocean Altimeter Range, SSHA, SWH 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. The Ocean 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.	CS_OFFL_SIR_NOPR_2_20200322T032337_20200322T032347_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, 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_20200322T041123_20200322T041216_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for or more records. The OCOG Range and Backscatter Quality Flags have been set for or more records. The Ocog Range and Backscatter Quality Flags have been set for or more records. The Ocog Range and Backscatter Quality Flags have been set for or more records.	CS_OFFL_SIR_NOPR_2_20200322T033420_20200322T033553_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, 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_20200322T043425_20200322T043604_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have be set for one or more records.	CS_OFFL_SIR_NOPR_2_20200322T041123_20200322T041216_C001	OCOG Altimeter Range Quality PLRM,	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
IPLRM Section of the contract	CS_OFFL_SIR_NOPR_2_20200322T043425_20200322T043604_C001	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 set for one or more records.
Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG	CS_OFFL_SIR_NOPR_2_20200322T051259_20200322T051517_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM OCOG	CS_OFFL_SIR_NOPR_2_20200322T060501_20200322T061145_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, 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_20200322T072645_20200322T073004_C001	OCOG Altimeter Range Quality PLRM,	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
	CS_OFFL_SIR_NOPR_2_20200322T081636_20200322T082335_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

00 OFFI OID NODE A 00000000000000000000000000000000000	OCOG Altimeter Range Quality PLRM,	The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_NOPR_2_20200322T094112_20200322T094324_C001	OCOG Backscatter Quality	more records.
CS_OFFL_SIR_NOPR_2_20200322T095256_20200322T095656_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_20200322T103321_20200322T103500_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_20200322T103500_20200322T103748_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_20200322T105211_20200322T105335_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_20200322T123332_20200322T123739_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_20200322T131927_20200322T132031_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_20200322T140750_20200322T141818_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_20200322T153648_20200322T153932_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_20200322T154520_20200322T154556_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_20200322T155134_20200322T155921_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_20200322T172152_20200322T172206_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_20200322T172815_20200322T173056_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_20200322T173123_20200322T174210_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_20200322T191105_20200322T191846_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_20200322T192210_20200322T192324_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_20200322T202542_20200322T202645_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_20200322T205013_20200322T205535_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_20200322T205608_20200322T205727_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_20200322T211639_20200322T211841_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_20200322T214534_20200322T214754_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_20200322T221855_20200322T221946_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_20200322T222256_20200322T222342_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_20200322T224032_20200322T224127_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_20200322T224947_20200322T225620_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_20200322T235341_20200322T235515_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (1 Hz & 1Hz PLRM)

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

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

Number of products with errors:

171

5.7 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20Hz)

CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Ocean Retracking Quality Flag: This flag is currently set for products falling at ocean/ land boundaries, but this is expected.

Number of products with errors:

L2 Retracking Flags (20Hz, PLRM)

CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM measurement record. The bit value of this flag indicates any problems when set.

Ocean Retracking Quality Flag (PLRM): This flag is currently set for products NOPR and NOPN products over sea ice, but this is to be expected.

Number of products with errors: 12