



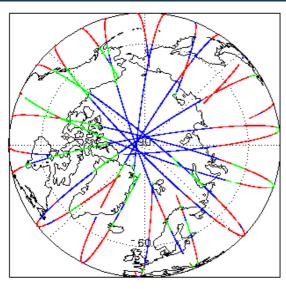
1. Overview

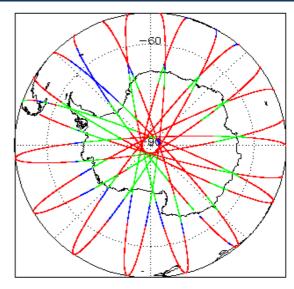
Report Production:	17-Feb-2022	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Near Real Time Ocean Products (NOF L1B & L2 Science Data	

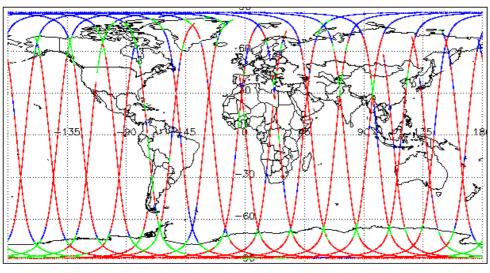
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 5.4
Measurement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

Mission / In	Mission / Instrument News	
15-Feb-20	None	
16-Feb-20	None	
17-Feb-20	2 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 NOPR and NOPN 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:

0

4.5 L1B Measurement Confidence Data Check

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

> Attitude Correction Missing: This flag is currently set in error for NOPR products due to a configuration issue. The attitude correction is not actually missing, This is being investigated and will be updated in the next SW update.

Number of products with errors:

Λ

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 occasional products over land, but this is to be expected.

Number of products with errors:

15

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20220216T111010_20220216T112037_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20220216T125120_20220216T125650_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20220216T174740_20220216T174909_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20220216T192608_20220216T193100_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220216T033337_20220216T033500_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220216T042305_20220216T042721_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220216T114547_20220216T115112_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220216T150612_20220216T150731_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220216T205641_20220216T205728_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220216T231132_20220216T231706_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220216T023615_20220216T024106_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220216T091349_20220216T092103_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220216T092351_20220216T092756_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220216T100907_20220216T101537_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220216T205453_20220216T205529_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 NetCDF product file (.nc).

Number of products with errors:

0

5.2 L2 Product Header Analysis

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

Number of products with errors:

0

5.3 L2 Auxiliary Data File Usage Check

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

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

Number of products with errors:

0

5.4 L2 Auxiliary Correction Error Check

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

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

- > ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric 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:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20220216T025357_20220216T032143_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPM_2_20220216T094155_20220216T095759_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_NOPM_2_20220216T141859_20220216T142005_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T014344_20220216T014532_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20220216T015343_20220216T015606_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20220216T024106_20220216T024515_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1) and the tidal corrections for one or more records
CS_OFFL_SIR_NOPN_2_20220216T042305_20220216T042721_C001	Mean Sea Surface (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T050320_20220216T050652_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T054146_20220216T054324_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20220216T064236_20220216T064557_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T065109_20220216T065233_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20220216T073317_20220216T073439_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T083011_20220216T083120_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20220216T091240_20220216T091349_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T100714_20220216T100907_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T105047_20220216T105304_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20220216T114547_20220216T115112_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T122633_20220216T123145_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T131623_20220216T131916_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20220216T132539_20220216T132837_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20220216T140629_20220216T141008_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T181526_20220216T181652_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20220216T182209_20220216T182515_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T192311_20220216T192334_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20220216T195511_20220216T195812_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T200110_20220216T200449_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T205219_20220216T205302_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T205641_20220216T205728_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPN_2_20220216T213549_20220216T213824_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T223056_20220216T223120_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_NOPN_2_20220216T231132_20220216T231706_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_20220216T005426_20220216T010053_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_20220216T023615_20220216T024106_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_20220216T041308_20220216T042304_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_20220216T055307_20220216T060159_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_20220216T073439_20220216T074213_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_20220216T091349_20220216T092103_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_20220216T102833_20220216T103046_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_NOPR_2_20220216T105305_20220216T110011_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_20220216T123145_20220216T123754_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_20220216T141008_20220216T141859_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_20220216T154701_20220216T155440_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:

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20 Hz)

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_20220215T235941_20220216T000346_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_20220216T000656_20220216T001456_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_20220216T001645_20220216T003217_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_20220216T010911_20220216T011902_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_20220216T012017_20220216T014305_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_20220216T014532_20220216T014741_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_20220216T014808_20220216T015343_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_20220216T015607_20220216T022127_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_20220216T025357_20220216T032143_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_20220216T032742_20220216T033220_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_20220216T033500_20220216T040344_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_20220216T042721_20220216T050055_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_20220216T050652_20220216T051225_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_20220216T051351_20220216T052011_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 20220216T055118 20220216T055307 C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
		set for one or more records
CS_OFFL_SIR_NOPM_2_20220216T060631_20220216T064042_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_20220216T064557_20220216T065109_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_20220216T065246_20220216T071250_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_20220216T071612_20220216T072104_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_20220216T074434_20220216T080504_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_20220216T080610_20220216T081835_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_20220216T082209_20220216T082557_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_20220216T082615_20220216T083011_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_20220216T083206_20220216T090110_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_20220216T090128_20220216T090832_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_20220216T092756_20220216T093535_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_20220216T094017_20220216T094148_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_20220216T094155_20220216T095759_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_20220216T095939_20220216T100456_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_20220216T100503_20220216T100509_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_20220216T101538_20220216T102833_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_20220216T103046_20220216T104232_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_20220216T104542_20220216T104621_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_20220216T111010_20220216T112037_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_20220216T112217_20220216T113717_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_20220216T113905_20220216T114408_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_20220216T115239_20220216T115337_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_20220216T120139_20220216T120433_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_20220216T120957_20220216T121114_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_20220216T121204_20220216T121425_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

COUNTS OF NOTES & 202001111003	CS_OFFL_SIR_NOPM_2_20220216T121548_20220216T122250_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
### COCO Affirms Frage and Execution County (Poco) ### COCO Affirms Frage (Poch Accounts County (Poco) ### COCO Affirms Frage (Poch Accounts County (Poc) ### Affirms Frage (Poch Acco	CS_OFFL_SIR_NOPM_2_20220216T124534_20220216T124553_C001		
DOC OFFL. SPIL NOPM_2_20220016T19919_2020016T193200.COX CR. CREFL SPIL NOPM_2_20220016T19919_2020016T193200.COX CR. CREFL SPIL NOPM_2_20220016T19919_2020016T193200.COX CR. CREFL SPIL NOPM_2_20220016T19919_2020016T193200.COX CR. CREFL SPIL NOPM_2_20220016T193200_COX CREFL SPIL NOPM_2_20220016T193200_COX CREFL SPIL NOPM_2_20220016T193200_COX CREFL SPIL NOPM_2_20220016T193001_COX CREFL SPIL NOPM_2_20220016T193002_COX CREFL SPIL NOPM_2_20220016T193001_COX CREFL SPIL NOPM_2_20220016T193002_COX CREFL SPIL NOPM_2_20	CS_OFFL_SIR_NOPM_2_20220216T125120_20220216T125650_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Solucite County CS_OFFL_SRI_NOPAL_2_20202161132917_20202181130280_COUNTY	CS_OFFL_SIR_NOPM_2_20220216T125735_20220216T131623_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Sedurated Custry Col., OPE, SRI, NOPM, 2, 202020161130001, 202020161130000, Col. Col., OPE, SRI, NOPM, 2, 202020161130001, 202020161130000, Col. Col., OPE, SRI, NOPM, 2, 20202016114001, 202020161130001, Col. Col., OPE, SRI, NOPM, 2, 202020161150001, 202020161150001, Col. Col., OPE, SRI, NOPM, 2, 202020161150001, 20202016115000, Col. Col., OPE, SRI, NOPM, 2, 202020161150001, 20202016115000, Col. Col., OPE, SRI, NOPM, 2, 20202016115001, 20202016115000, Col. Col., OPE, SRI, NOPM, 2, 20202016115000, 20202016115000, Col. Co	CS_OFFL_SIR_NOPM_2_20220216T131916_20220216T132326_C001		
CB_OFFL_SIR_NOPM_2_2022216T19291_2022226T19392_2022216T19392_2022216T19392_2022216T19392_2022216T19392_2022216T19392_2022216T19392_2022216T19393_2022216T193	CS_OFFL_SIR_NOPM_2_20220216T132347_20220216T132539_C001		
OS_OFFL_SIR_NOPM_2_20202016T140016_20202016T10041_C0011 OSGA Remore Pamps Quality, COCOS All makes Cocos and present and backetosite Country Cocos and Remore Pamps Quality, COCOS All makes Pamps and Remore Pamps, SSHA, SWH and Resoacation Country Pamps and Remore Pamps, SSHA, SWH and Resoacation Country Pamps and Remore Pamps, SSHA, SWH and Resoacation Country Pamps and Remore Pamps, SSHA, SWH and Resoacation Country Pamps and Remore Pamps, SSHA, SWH and Resoacation Country Pamps and Remore Pamps, SSHA, SWH and Resoacation Country Pamps and Remore Pamps, SSHA, SWH and Resoacation Country Pamps and Remore Pamps, SSHA, SWH and Resoacation Country	CS_OFFL_SIR_NOPM_2_20220216T132931_20220216T135530_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFPL_SIR_NOPW_2_20202016T150012_0001 CS_OFPL_SIR_NOPW_2_20202016T150012_0001 CS_OFPL_SIR_NOPW_2_20202016T150012_0001 CS_OFPL_SIR_NOPW_2_20202016T150012_0001 CS_OFPL_SIR_NOPW_2_20202016T150012_0001 CS_OFPL_SIR_NOPW_2_20202016T150012_0001 CS_OFPL_SIR_NOPW_2_20202016T160014_20202016T160002 CS_OFPL_SIR_NOPW_2_20202016T160014_	CS_OFFL_SIR_NOPM_2_20220216T143017_20220216T145602_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Cuality CS_OFFL_SIR_NOPM_2_20220216716989_202202167164190_0001 CS_OFFL_SIR_NOPM_2_20220216716989_202202167162708_0001 CS_OFFL_SIR_NOPM_2_202202167169814_202202167162708_0001 CS_OFFL_SIR_NOPM_2_202202167169814_202202167162708_0001 CS_OFFL_SIR_NOPM_2_202202167169814_202202167162708_0001 CS_OFFL_SIR_NOPM_2_202202167169814_202202167162708_0001 CS_OFFL_SIR_NOPM_2_202202167169814_202202167162708_0001 CS_OFFL_SIR_NOPM_2_202202167169814_202202167162708_0001 CS_OFFL_SIR_NOPM_2_202202167169804_20220216716298_0001 CS_OFFL_SIR_NOPM_2_202202167169804_202202167172241 0001 CS_OFFL_SIR_NOPM_2_202202167169804_202202167172241 0001 CS_OFFL_SIR_NOPM_2_202202167169806_202202167172241 0001 CS_OFFL_SIR_NOPM_2_202202167169806_202202167172241 0001 CS_OFFL_SIR_NOPM_2_202202167169806_202202167172697_0001 CS_OFFL_SIR_NOPM_2_202202167169806_202202167172697_0001 CS_OFFL_SIR_NOPM_2_202202167169806_202202167173697_0001 CS_OFFL_SIR_NOPM_2_20220216717697_20220216717697_0001 CS_OFFL_SIR_NOPM_2_202202167169066_202202167180010_0001 CS_OFFL_SIR_NOPM_2_202202167169066_202202167180010_0001 CS_OFFL_SIR_NOPM_2_202202167169066_202202167180010_0001 CS_OFFL_SIR_NOPM_2_202202167169066_202202167180010_0001 CS_OFFL_SIR_NOPM_2_202202167169066_202202167180010_0001 CS_OFFL_SIR_NOPM_2_202202167169066_202202167180010_0001 CS_OFFL_SIR_NOPM_2_202202167169066_202202167180010_0001 CS_OFFL_SIR_NOPM_2_202202167169066_202202167190000_0001 CS_OFFL_SIR_NOPM_2_202202167169066_	CS_OFFL_SIR_NOPM_2_20220216T145716_20220216T150241_C001	0 2,	
or Backscater Oually, COCG Allmeter Range and Backscater Oually Flags have been affine Cocco Allmeter Range and Backscater Oually Flags have been affine Roccotors Oually, COCG Allmeter Range and Backscater Oually Flags have been affine and a subscalar outline or more records CS_OFFL_SIR_NOPM_2_20220216T16839_20220216T16839_COCI CS_OFFL_SIR_NOPM_2_20220216T16839_20220216T16839_COCI CS_OFFL_SIR_NOPM_2_20220216T16839_20220216T16839_COCI CS_OFFL_SIR_NOPM_2_20220216T168714_20220216T16859_COCI CS_OFFL_SIR_NOPM_2_20220216T168714_20220216T16859_COCI CS_OFFL_SIR_NOPM_2_20220216T168714_20220216T17867_COCI CS_OFFL_SIR_NOPM_2_20220216T168714_20220216T17867_COCI CS_OFFL_SIR_NOPM_2_20220216T16801_COCI CS_OFFL_SIR_NOPM_2_20220216T16801_COCI CS_OFFL_SIR_NOPM_2_20220216T17867_20220216T17867_COCI CS_OFFL_SIR_NOPM_2_20220216T17867_20220216T17867_COCI CS_OFFL_SIR_NOPM_2_20220216T17867_20220216T17867_COCI CS_OFFL_SIR_NOPM_2_20220216T17867_20220216T18001_COCI CS_OFFL_SIR_NOPM_2_20220216T17867_20220216T18001_COCI CS_OFFL_SIR_NOPM_2_20220216T18600_2020216T18001_COCI CS_OFFL_SIR_NOPM_2_20220216T18600_2020216T18001_COCI CS_OFFL_SIR_NOPM_2_20220216T18602_2020216T18600_0001 CS_OFFL_SIR_NOPM_2_20220216T18602_2020216T18600_0001 CS_OFFL_SIR_NOPM_2_20220216T18602_2020216T18600_0001 CS_OFFL_SIR_NOPM_2_20220216T18602_2020216T18600_00001 CS_OFFL_SIR_NOPM_2_20220216T18602_2020216T18600_0001 CS_OFFL_SIR_NOPM_2_20220216T18602_2020216T18600_0001 CS_OFFL_SIR_NOPM_2_20220216T18600_00020016T18600_0001 CS_OFFL_SIR_NOPM_2_20220216T18600_00020016T18600_0001 CS_OFFL_SIR_NOPM_2_20220216T18600_00020016T18600_0001 CS_OFFL_SIR_NOPM_2_20220216T18600_00020016T18600_0001 CS_OFFL_SIR_NOPM_2_20220216T18600_000016T18600_0001 CS_OFFL_SIR_NOPM_2_20220216T18600_000016T18600_0001 CS_OFFL_SIR_NOPM_2_20220216T18600_000016T1860000010001 CS_OFFL_SIR_NOPM_2_20220216T18600_000016T1860000001000100010001000100010001000100	CS_OFFL_SIR_NOPM_2_20220216T150247_20220216T150612_C001		
and the COCG Allimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20220216T16904_20220216T18539_C001 CS_OFFL_SIR_NOPM_2_20220216T169714_20220216T18539_C001 CS_OFFL_SIR_NOPM_2_20220216T169714_20220216T18539_C001 CS_OFFL_SIR_NOPM_2_20220216T169714_20220216T18509_C001 CS_OFFL_SIR_NOPM_2_20220216T169714_20220216T18509_C001 CS_OFFL_SIR_NOPM_2_20220216T169714_20220216T18509_C001 CS_OFFL_SIR_NOPM_2_20220216T169714_20220216T18509_C001 CS_OFFL_SIR_NOPM_2_20220216T169714_20220216T17264T_C001 CS_OFFL_SIR_NOPM_2_20220216T17607_20220216T17607_C001 CS_OFFL_SIR_NOPM_2_20220216T17607_20220216T17607_C001 CS_OFFL_SIR_NOPM_2_20220216T17607_20220216T17607_C001 CS_OFFL_SIR_NOPM_2_20220216T180010_C001 CS_OFFL_SIR_NOPM_2_20220216T180010_C002016T180010_C001 CS_OFFL_SIR_NOPM_2_20220216T180010_C002016T180010_C001 CS_OFFL_SIR_NOPM_2_20220216T180010_C002016T180010_C001 CS_OFFL_SIR_NOPM_2_20220216T180010_C001 CS_OFFL_SIR_NOPM_2_20220216T180010_C001 CS_OFFL_SIR_NOPM_2_20220216T180010_C002016T180010_C001 CS_OFFL_SIR_NOPM_2_20220216T180010_C002016T1	CS_OFFL_SIR_NOPM_2_20220216T150839_20220216T154150_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216T163714_20220216T16450_C001 CS_OFFL_SIR_NOPM_2_20220216T164745_20220216T172241_C001 CS_OFFL_SIR_NOPM_2_20220216T164745_20220216T172241_C001 CS_OFFL_SIR_NOPM_2_20220216T164745_20220216T172241_C001 CS_OFFL_SIR_NOPM_2_20220216T164745_20220216T172241_C001 CS_OFFL_SIR_NOPM_2_20220216T164745_20220216T173657_C001 CS_OFFL_SIR_NOPM_2_20220216T173607_20220216T173657_C001 CS_OFFL_SIR_NOPM_2_20220216T173607_20220216T180310_C001 CS_OFFL_SIR_NOPM_2_20220216T180005_20220216T180310_C001 CS_OFFL_SIR_NOPM_2_20220216T180005_20220216T180005_20220216T180005_C001 CS_OFFL_SIR_NOPM_2_20220216T180005_20220216T180005_C001 CS_OFFL_SIR_NOPM_2_20220216T180005_20220216T180005_C001 CS_OFFL_SIR_NOPM_2_20220216T180005_20220216T180005_C001 CS_OFFL_SIR_NOPM_2_20220216T180005_20220216T180005_C001 CS_OFFL_SIR_NOPM_2_20220216T180005_20220216T180005_C001 CS_OFFL_SIR_NOPM_2_20220216T180005_20220216T180005_C001 CS_OFFL_SIR_NOPM_2_20220216T180005_20220216T180005_C001 CS_OFFL_SIR_NOPM_2_20220216T180005_20220216T180005_C001 CS_OFFL_SIR_NOPM_2_20220216T180005_20220216T190230_C001 CS_OFFL_SIR_NOPM_2_20220216T190005_20220216T190005_C001 CS_OFFL_SIR_NOPM_2_20220216T190005_	CS_OFFL_SIR_NOPM_2_20220216T160814_20220216T162708_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_NOPM_2_20220216T184745_20220216T172241_C001 CS_OFFL_SIR_NOPM_2_20220216T184745_20220216T172841_C001 CS_OFFL_SIR_NOPM_2_20220216T173607_20220216T173657_C001 CS_OFFL_SIR_NOPM_2_20220216T173607_20220216T173657_C001 CS_OFFL_SIR_NOPM_2_20220216T173607_20220216T173657_C001 CS_OFFL_SIR_NOPM_2_20220216T175613_20220216T180310_C001 CS_OFFL_SIR_NOPM_2_20220216T185055_20220216T180519_C001 CS_OFFL_SIR_NOPM_2_20220216T180505_20220216T180509_C001 CS_OFFL_SIR_NOPM_2_20220216T181555_20220216T180509_C001 CS_OFFL_SIR_NOPM_2_20220216T18505_20220216T180509_C001 CS_OFFL_SIR_NOPM_2_20220216T18505_20220216T180509_C001 CS_OFFL_SIR_NOPM_2_20220216T18505_20220216T180509_C001 CS_OFFL_SIR_NOPM_2_20220216T18505_20220216T180509_C001 CS_OFFL_SIR_NOPM_2_20220216T18505_20220216T180509_C001 CS_OFFL_SIR_NOPM_2_20220216T18505_20220216T180509_C001 CS_OFFL_SIR_NOPM_2_20220216T18505_20220216T180509_C001 CS_OFFL_SIR_NOPM_2_20220216T18505_20220216T180509_C001 CS_OFFL_SIR_NOPM_2_20220216T18505_20220216T18009_C001 CS_OFFL_SIR_NOPM_2_20220216T18505_20220216T18009_C001 CS_OFFL_SIR_NOPM_2_20220216T18509_C001 CS_OFFL_SIR_NOPM_2_20220216T18509_C001 CS_OFFL_SIR_NOPM_2_20220216T18509_C001 CS_OFFL_SIR_NOPM_2_20220216T18509_C001 CS_OFFL_SIR_NOPM_2_20220216T18509_C001 CS_OFFL_SIR_NOPM_2_20220216T195409_C001 CS_OFFL_SIR_NOPM	CS_OFFL_SIR_NOPM_2_20220216T162904_20220216T163539_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the COCG Altimeter Range and Backscatter	CS_OFFL_SIR_NOPM_2_20220216T163714_20220216T164520_C001		
and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216T180310_CO01 Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216T181652_20220216T182209_CO01 Backscatter Quality, OCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216T182735_20220216T185019_CO01 CS_OFFL_SIR_NOPM_2_20220216T18505_20220216T190230_CO01 CS_OFFL_SIR_NOPM_2_20220216T195505_20220216T190230_CO01 CS_OFFL_SIR_NOPM_2_20220216T19516_20220216T191840_CO01 CS_OFFL_SIR_NOPM_2_20220216T19516_20220216T191840_CO01 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_CO01 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193425_202001 CS_OFFL_SIR_NOPM_2_20220216T194102_20220216T195423_CO01 CS_OFFL_SIR_NOPM_2_20220216T194102_20220216T195423_CO01 CS_OFFL_SIR_NOPM_2_20220216T194102_20220216T195423_CO01 CS_OFFL_SIR_NOPM_2_20220216T194102_20220216T195423_CO01 CS_OFFL_SIR_NOPM_2_20220216T195612_20220216T195423_CO01 CS_OFFL_SIR_NOPM_2_20220216T195612_20220216T195423_CO01 CS_OFFL_SIR_NOPM_2_20220216T195612_20220216T195423_CO01 CS_OFFL_SIR_NOPM_2_20220216T195612_20220216T190410_C001 CS_OFFL_SIR_NOPM_2_20220216T196612_20220216T190410_C001 CS_OFFL_SIR_NOPM_2_20220216T196612_20220216T190410_C001 CS_OFFL_SIR_NOPM_2_20220216T196612_20220216T190410_C001 CS_OFFL_SIR_NOPM_2_20220216T196612_2022	CS_OFFL_SIR_NOPM_2_20220216T164745_20220216T172241_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality for one or more records CS_OFFL_SIR_NOPM_2_20220216T180605_20220216T181516_C001 CS_OFFL_SIR_NOPM_2_20220216T181662_20220216T182209_C001 CS_OFFL_SIR_NOPM_2_20220216T181652_20220216T18209_C001 CS_OFFL_SIR_NOPM_2_20220216T182735_20220216T185019_C001 CS_OFFL_SIR_NOPM_2_20220216T182735_20220216T180019_C001 CS_OFFL_SIR_NOPM_2_20220216T182005_20220216T190230_C001 CS_OFFL_SIR_NOPM_2_20220216T185055_20220216T190230_C001 CS_OFFL_SIR_NOPM_2_20220216T195505_20220216T190230_C001 CS_OFFL_SIR_NOPM_2_20220216T195505_20220216T195505_C001 CS_OFFL_SIR_NOPM_2_20220216T195505_20220216T195505_C001 CS_OFFL_SIR_NOPM_2_20220216T195505_20220216T195505_C001 CCGan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216T194102_20220216T195423_C001 CCGAN Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216T194102_20220216T195423_C001 CCGAN Altimeter Range and Backscatter Quality Flags have been set for one or more records CCGAN Altimeter Range and Backscatter Quality Flags have been set for one or more records CCGAN Altimeter Range and Backscatter Quality Flags have been set for one or more records CCGAN Altimeter Range and Backscatter Quality Flags have been set for one or more records CCGAN Altimeter Range and Backscatter Quality Flags have been set for one or more records CCGAN Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20220216T173607_20220216T173657_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220216T180605_20220216T181516_C0001 and Backscatter Quality, CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216T181652_20220216T18209_C001 CS_OFFL_SIR_NOPM_2_20220216T182735_20220216T185019_C001 CS_OFFL_SIR_NOPM_2_20220216T185305_20220216T190230_C001 CS_OFFL_SIR_NOPM_2_20220216T185305_20220216T190230_C001 CS_OFFL_SIR_NOPM_2_20220216T195305_20220216T191840_C001 CS_OFFL_SIR_NOPM_2_20220216T19516_20220216T191840_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193423_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T195423_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T200110_C001 COCOMA NUMBER Range and Backscatter Quality COCOMA NUMBER Range ADABASCATTER QUALITY Flags have been set for one or more records CC_OFFL_SIR_NOPM_2_20220216T195812_	CS_OFFL_SIR_NOPM_2_20220216T175613_20220216T180310_C001		
Backscatter Quality CS_OFFL_SIR_NOPM_2_20220216T182735_20220216T185019_C001 CS_OFFL_SIR_NOPM_2_20220216T18505_20220216T185019_C001 CS_OFFL_SIR_NOPM_2_20220216T18505_20220216T190230_C001 CS_OFFL_SIR_NOPM_2_20220216T18505_20220216T190230_C001 CS_OFFL_SIR_NOPM_2_20220216T191516_20220216T191840_C001 CS_OFFL_SIR_NOPM_2_20220216T191516_20220216T191840_C001 CS_OFFL_SIR_NOPM_2_20220216T191516_20220216T191840_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193425_2020016T193425_2001 CS_OFFL_SIR_NOPM_2_20220216T194102_20220216T195423_C001 CS_OFFL_SIR_NOPM_2_20220216T194102_20220216T195423_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T195423_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CCCCOMPAINTED TRANSPART AND ADDRESS AND ADDRE	CS_OFFL_SIR_NOPM_2_20220216T180605_20220216T181516_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216T185305_20220216T190230_C001 CS_OFFL_SIR_NOPM_2_20220216T191516_20220216T191840_C001 CS_OFFL_SIR_NOPM_2_20220216T191516_20220216T191840_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 CS_OFFL_SIR_NOPM_2_20220216T194102_20220216T195423_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T195423_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T203425_C001 CCean Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CCEAN 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 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 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_NOPM_2_20220216T181652_20220216T182209_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Set for one or more records CS_OFFL_SIR_NOPM_2_20220216T191516_20220216T191840_C001 CS_OFFL_SIR_NOPM_2_20220216T191516_20220216T191840_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T195423_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T203425_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T203425_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T203425_C001 Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T203425_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T203425_C001 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 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T203425_C001 CS_OFFL_SIR_NOPM_2_202020216T200711_20220216T203425_C001 CS_OFFL_SIR_NOPM_2_202020216T200711_20220216T203425_C001	CS_OFFL_SIR_NOPM_2_20220216T182735_20220216T185019_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records Cs_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 Cs_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 Cs_OFFL_SIR_NOPM_2_20220216T194102_20220216T195423_C001 Cs_OFFL_SIR_NOPM_2_20220216T194102_20220216T195423_C001 Cs_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 Cs_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 Altimeter Range, SSHA, SWH and Backscatter Quality and Backscatter Quality Coean Altimeter Range, SSHA, SWH and Backscatter Quality Cs_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 Cs_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 Cs_OFFL_SIR_NOPM_2_20220216T200711_20220216T203425_C001 Coean Altimeter Range Quality, OCOG Backscatter Quality Coean Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20220216T185305_20220216T190230_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_NOPM_2_20220216T194102_20220216T195423_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 Altimeter Range and Backscatter Quality, OCOG Altimeter Range Quality, OCOG Backscatter Quality CCS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T20012C001 CCS_OFFL_SIR_NOPM_2_20220216T200711_20220216T200425_C001 CCS_OFFL_SIR_NOPM_2_20220216T200711_20220216T200425_C001 And Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CCEAN Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CCEAN Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter	CS_OFFL_SIR_NOPM_2_20220216T191516_20220216T191840_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220216T194102_20220216T195423_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001 CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T200125_C001 and Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T203425_C001 The Ocoan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T203425_C001	CS_OFFL_SIR_NOPM_2_20220216T193425_20220216T193914_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPM_2_20220216T194102_20220216T195423_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T203425_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPM_2_20220216T195812_20220216T200110_C001		
	CS_OFFL_SIR_NOPM_2_20220216T200711_20220216T203425_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CONTROLEMENT PROPERTY SENSE SHAPE SH	CS_OFFL_SIR_NOPM_2_20220216T203604_20220216T203915_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
See Diff. SRI NCPM 2 2000015721405 0000 Dec Bossacher Custor, 1900 per la company from the Company frage and absociater Custor, 1900 per la company frage and absociater Custor, 190	CS_OFFL_SIR_NOPM_2_20220216T205728_20220216T210421_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Description	CS_OFFL_SIR_NOPM_2_20220216T210435_20220216T212849_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Schort Jeff John Jeff Jeff Schort Land (1997) Cold Allower Rays and Backcaster Castly Plags New No. Schort Rays and Backcaster Castly Plags New No. Schort Rays and Backcaster Castly Plags New No. Schort Rays and Backcaster Castly Plags No. Schort Rays No. Sc	CS_OFFL_SIR_NOPM_2_20220216T214246_20220216T214505_C001	0 3,	, ,
DEL CIFEL SIR NOPM 2 00000161701002 20000161701000 CIBEL SIR NOPM 2 00000161701000 SIR NOPM 2 00	CS_OFFL_SIR_NOPM_2_20220216T214649_20220216T215159_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
So OFFL SRI NOPM 2 20220191722990 20220191722990 COST Attender Range Cualty, COST Research Cualty Cost Attender Range and Backscatter Cualty Flags have been set for one or of one norosts. So OFFL SRI NOPM 2 20220191722990 20220191722990 COST Research Cualty Cost Attender Range and Backscatter Cualty Flags have been set for one or of one norosts. So OFFL SRI NOPM 2 20220191722990 20220191722990 COST Research Cualty Cost Attender Range Cualty, COST Research Cualty Cost Research Cualty Flags have been set for one or of one norosts. So OFFL SRI NOPM 2 20220191722990 20220191722990 COST Research Cualty Cost Attender Range Cualty, COST Research Cualty Flags have been set for one or of one norosts. SRI NOPM 2 20220191722990 20220191729990 COST Research Cualty Flags have been set for one or of one norosts. SRI NOPM 2 20220191722990 20220191729990 COST Research Cualty Flags have been set for one or of one norosts. SRI NOPM 2 20220191722990 20220191729990 COST Research Cualty Flags have been set for one or of one norosts. SRI NOPM 2 20220191722990 20220191729990 COST Research Cualty Flags have been set for one or of one norosts. SRI NOPM 2 20220191722990 20220191729990 COST Research Cualty Flags have been set for one or of one norosts. SRI NOPM 2 20220191729900 20220191729990 COST Research Cualty Flags have been set for one or of one norosts. SRI NOPM 2 20220191729900 20220191729990 COST Research Range Cualty Cualty Flags have been set for one or of one norosts. SRI NOPM 2 20220191729900 20220191729990 COST Research Range Cualty Cualty Flags have been set for one or of one norosts. SRI NOPM 2 20220191729900 20220191729990 COST Research Range Cualty Cualty Flags have been set for one or of one norosts. SRI NOPM 2 20220191729900 20220191729990 COST Research Range Cualty Cualty Flags have been set for one or of one norosts. SRI NOPM 2 20220191729900 2022019172990 COST Research Range Cualty Cualty Flags have been set for one or of one norosts. SRI NOPM 2 20220191729900 2022019172990 COST Research Range Cualty	CS_OFFL_SIR_NOPM_2_20220216T215252_20220216T220350_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Bedescent Quality Oco on more records The OCOG Allmeter Range and Backscatter Quality Range Rave been set to row or more records Oco Oco Allmeter Range and Backscatter Quality Range Rave been set to row or more records Oco Oco Allmeter Range and Backscatter Quality Range Rave been set to row or more records Oco Oco Allmeter Range and Backscatter Quality Range Rave been set to row or more records Oco Oco Allmeter Range and Backscatter Quality Range Rave been set to row or more records Oco Oco Allmeter Range and Backscatter Quality Range Rave been set to row or more records Oco Oco Allmeter Range and Backscatter Quality Range Rave been set to row or more records Oco Oco Allmeter Range and Backscatter Quality Range Rave been set to row or more records Oco Oco Allmeter Range and Backscatter Quality Range Rave been set to row or more records Oco Oco Allmeter Range and Backscatter Quality Range Rave been set to row or more records Oco Oco Allmeter Range and Backscatter Quality Range Rave been set to row or more records Oco Oco Allmeter Range Self-A. 5994 Deducation Quality Range Rave been set to row or more records Oco Oco Allmeter Range Self-A. 5994 Case Office Self-A. 5994 Allmeter Range Self-A. 5994 Deducation Quality Range Rave been set to row or more records Oco Oco Allmeter Range Self-A. 5994 Deducation Quality Range Rave been set to row or more records Oco Oco Allmeter Range Self-A. 5994 Deducation Quality Range Rave been set to row or more records Oco Oco Allmeter Range Self-A. 5994 Deducation Quality Range Rave been set to row or more records Oco Oco Allmeter Range Self-A. 5994 Deducation Quality Range Rave been	CS_OFFL_SIR_NOPM_2_20220216T220354_20220216T221419_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscrafter Cuality CS. OFFL SIR NOPM 2. 202202167229740 20220216722900 0001 CS. OFFL SIR NOPM 2. 202202167229940 202202167229100 0001 CS. OFFL SIR NOPM 2. 202202167229940 202202167229400 0001 CS. OFFL SIR NOPM 2. 20220216722900 202202167229400 0001 CS. OFFL SIR NOPM 2. 20220216723900 202202167239400 0001 CS. OFFL SIR NOPM 2. 20220216723900 20220216723900 0001 CS. OFFL SIR NOPM 2. 20220216723900 20220216723900 0001 CS. OFFL SIR NOPM 2. 20220216723900 20220216723900 0001 CS. OFFL SIR NOPM 2. 20220216723900 0001 CS. OFFL SIR NOPM 2. 20220216730000 20220216730000 0001 CS. OFFL SIR NOPM 2. 202202167300000 202202167300000 0001 CS. OFFL SIR NOPM 2. 202202167300000 2022021673000000 0001 CS. OFFL SIR NOPM 2. 2022021673000000 0001 CS. OFFL SIR NOPM	CS_OFFL_SIR_NOPM_2_20220216T221800_20220216T221804_C001		
Backscater Justy CS_OFFL_SIR_NOPM_2_20220216722374_20220216722402_0001 Altreder Range, SSHA, SWH and Backscater Quality Flags and Backscater Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216722374_202202167223946_0001 Altreder Range and Backscater Quality Flags and the OCOG Altreder Range and Backscater Quality Flags and the OCOG Altreder Range and Backscater Quality Flags and the OCOG Altreder Range and Backscater Quality Flags and the OCOG Altreder Range and Backscater Quality Flags and the OCOG Altreder Range and Backscater Quality Flags and the OCOG Altreder Range and Backscater Quality Flags and the OCOG Altreder Range and Backscater Quality Flags and the OCOG Altreder Range and Backscater Quality Flags and the OCOG Altreder Range and Backscater Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216722904_202202167231925_0001 CS_OFFL_SIR_NOPM_2_20220216722905_202202167231926_0001 CS_OFFL_SIR_NOPM_2_20220216722905_202202167231926_0001 CS_OFFL_SIR_NOPM_2_20220216723905_202202167231926_0001 CS_OFFL_SIR_NOPM_2_20220216723905_20220216723405_0001 CS_OFFL_SIR_NOPM_2_20220216723905_20220216723405_0001 CS_OFFL_SIR_NOPM_2_20220216723905_20220216723405_0001 CS_OFFL_SIR_NOPM_2_20220216723905_20220216723405_0001 CS_OFFL_SIR_NOPM_2_202202167032313_202202167033906_0001 CS_OFFL_SIR_NOPM_2_202202167032311_202202167033906_0001 CS_OFFL_SIR_NOPM_2_202202167032311_202202167033906_0001 CS_OFFL_SIR_N	CS_OFFL_SIR_NOPM_2_20220216T222329_20220216T222332_C001		
and Backscatter Quality COCG Alterneter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_802202167224437_80220216723546_0001 CS_OFFL_SIR_NOPM_2_802202167225442_0220216723130_0001 CS_OFFL_SIR_NOPM_2_8022021672231706_00220216723130_0001 CS_OFFL_SIR_NOPM_2_8022021672231706_00220216723130_0001 CS_OFFL_SIR_NOPM_2_802202167231706_002202167231405_0001 CS_OFFL_SIR_NOPM_2_802202167231706_002202167231405_0001 CS_OFFL_SIR_NOPM_2_802202167231706_002202167231405_0001 CS_OFFL_SIR_NOPM_2_802202167232666_002202167234425_0001 CS_OFFL_SIR_NOPM_2_802202167232666_002202167234435_0001 CS_OFFL_SIR_NOPM_2_802202167232666_002202167234435_0001 CS_OFFL_SIR_NOPM_2_802202167232666_002202167234435_0001 CS_OFFL_SIR_NOPM_2_802202167232666_002202167234435_0001 CS_OFFL_SIR_NOPM_2_802202167232666_002202167234435_0001 CS_OFFL_SIR_NOPM_2_802202167232666_002202167234436_0001 CS_OFFL_SIR_NOPM_2_802202167232666_002202167234435_0001 CS_OFFL_SIR_NOPM_2_802202167234266_002202167234436_0001 CS_OFFL_SIR_NOPM_2_802202167234266_002202167234436_0001 CS_OFFL_SIR_NOPM_2_802202167234266_002202167234436_0001 CS_OFFL_SIR_NOPM_2_802202167234266_002202167234436_0001 CS_OFFL_SIR_NOPM_2_802202167234266_002202167234436_0001 CS_OFFL_SIR_NOPM_2_802202167234266_002202167234436_0001 CS_OFFL_SIR_NOPM_2_802202167032366_002202167032444_0001 CS_OFFL_SIR_NOPM_2_802202167032366_002202167032444_0001 CS_OFFL_SIR_NOPM_2_802202167032366_002202167032444_0001 CS_OFFL_SIR_NOPM_2_802202167033366_0001 CS_OFFL_SIR_NOPM_2_802202167033366_0001 CS_OFFL_SIR_NOPM_2_802202167033366_0001 CS_OFFL_SIR_NOPM_2_802202167033366_0001 CS_OFFL_SIR_NOPM_2_802202167033356_002202167033436_0001 CS_OFFL_SIR_NOPM_2_802202167033356_002202167033436_0001 CS_OFFL_SIR_NOPM_2_802202167033356_002202167033436_0001 CS_OFFL_SIR_NOPM_2_802202167033356_002202167033436_0001 CS_OFFL_SIR_NOPM_2_802202167033356_002202167033436_0001 CS_OFFL_SIR_NOPM_2_802202167033356_002202167033436_0001 CS_OFFL_SIR_NOPM_2_802202167033356_002202167034400_0001 CS_	CS_OFFL_SIR_NOPM_2_20220216T223216_20220216T223620_C001		
and Backscater Quality, OCOG Altimeter Range and Backscater Quality Flags have been set from one or more records CS_OFFL_SIR_NOPM_2_202202167225944_20220216723193_CO01 CS_OFFL_SIR_NOPM_2_202202167232001_20220216723193_CO01 CS_OFFL_SIR_NOPM_2_202202167232001_202202167232425_CO01 CS_OFFL_SIR_NOPM_2_202202167232001_202202167232425_CO01 CS_OFFL_SIR_NOPM_2_202202167232001_202202167232425_CO01 CS_OFFL_SIR_NOPM_2_202202167232001_202202167232425_CO01 CS_OFFL_SIR_NOPM_2_202202167232001_202202167232425_CO01 CS_OFFL_SIR_NOPM_2_202202167232001_202202167232425_CO01 CS_OFFL_SIR_NOPM_2_202202167232001_202202167232425_CO01 CS_OFFL_SIR_NOPM_2_202202167232001_202202167234106_CO01 CS_OFFL_SIR_NOPM_2_202202167232005_202202167234106_CO01 CS_OFFL_SIR_NOPM_2_202202167232005_202202167234106_CO01 CS_OFFL_SIR_NOPM_2_202202167232005_202202167234106_CO01 CS_OFFL_SIR_NOPM_2_202202167234248_202202167234983_CO01 CS_OFFL_SIR_NOPM_2_202202167234248_202202167234983_CO01 CS_OFFL_SIR_NOPM_2_202202167234248_202202167234983_CO01 CS_OFFL_SIR_NOPM_2_2022021670332313_202202167033306_CO01 CS_OFFL_SIR_NOPM_2_2022021670332313_202202167033306_CO01 CCCOM_Altimeter Range Cuality, COOM_Backscatter Cuality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_2022021670332313_202202167033306_CO01 CCCOM_Altimeter Range Cuality, COOM_Backscatter Cuality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_2022021670332313_202202167033306_CO01 CCCOM_Altimeter Range Cuality, COOM_Backscatter Cuality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_202202167033333_202202167033306_CO01 CCCOM_Altimeter Range Cuality, COOM_Backscatter Cuality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216703333_202202167033306_CO01 CCCOM_Altimeter Range Cuality, COOM_Backscatter Cuality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220216703333_202202167033306_CO01 CCCOM_Altimeter Range Cuality, COOM_Backscatter Cuality Flags have been set for one or more records CS_OFFL_SIR_NOP	CS_OFFL_SIR_NOPM_2_20220216T223740_20220216T224002_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220216T23942_2001 CS_OFFL_SIR_NOPM_2_20220216T239706_20220216T23995_C001 CS_OFFL_SIR_NOPM_2_20220216T23001_20220216T23925_C001 CS_OFFL_SIR_NOPM_2_20220216T232001_20220216T232425_C001 CS_OFFL_SIR_NOPM_2_20220216T232001_20220216T232425_C001 CS_OFFL_SIR_NOPM_2_20220216T232001_20220216T232425_C001 CS_OFFL_SIR_NOPM_2_20220216T232001_20220216T232435_C001 CS_OFFL_SIR_NOPM_2_20220216T232001_20220216T234485_C001 CS_OFFL_SIR_NOPM_2_20220216T232001_20220216T234553_C001 CS_OFFL_SIR_NOPM_2_20220216T032313_20220216T032454_C001 CS_OFFL_SIR_NOPM_2_20220216T032213_20220216T032454_C001 CS_OFFL_SIR_NOPM_2_20220216T032202_20220216T03205_C001 CS_OFFL_SIR_NOPM_2_20220216T032020_20220216T033006_C001 CS_OFFL_SIR_NOPM_2_20220216T032020_20220216T033006_C001 CS_OFFL_SIR_NOPM_2_20220216T030202_20220216T033006_C001 CS_OFFL_SIR_NOPM_2_20220216T030202_20220216T033006_C001 CS_OFFL_SIR_NOPM_2_20220216T030202_20220216T033006_C001 CS_OFFL_SIR_NOPM_2_20220216T030202_20220216T033006_C001 CS_OFFL_SIR_NOPM_2_20220216T030202_20220216T033006_C001 CS_OFFL_SIR_NOPM_2_20220216T030202_20220216T033006_C001 CS_OFFL_SIR_NOPM_2_20220216T030202_20220216T030306_C001 CS_OFFL_SIR_NOPM_2_20220216T030202_20220216T030306_C001 CS_OFFL_SIR_NOPM_2_20220216T030202_20220216T030306_C001 CS_OFFL_SIR_NOPM_2_20220216T030202_20220216T030306_C001 CS_OFFL_SIR_NOPM_2_20220216T030202_20220216T030306_C001 CS_OFFL_SIR_NOPM_2_20220216T030002_20220216T030306_C001 CS_OFFL_SIR_NOPM_2_20220216T030002_20220216T030004_C001 CC_OGA Altimeter Range Quality, COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CC_OGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CC_OFFL_SIR_NOPM_2_20220216T030011_20220216T030306_C001 CC_OGA Altimeter Range Guality, COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CC_OFFL_SIR_NOPM_2_20220216T030305_20220216T09016_C001 CC_OGA Altimeter Range Guality, COCG Altimeter Range and Backscatter Quality Fl	CS_OFFL_SIR_NOPM_2_20220216T224137_20220216T225246_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_NOPM_2_20220216T232001_20220216T232425_C001 CS_OFFL_SIR_NOPM_2_20220216T232001_20220216T232425_C001 CS_OFFL_SIR_NOPM_2_20220216T232001_20220216T234108_C001 CS_OFFL_SIR_NOPM_2_20220216T232005_20220216T234108_C001 CS_OFFL_SIR_NOPM_2_20220216T234248_20220216T23453_C001 CS_OFFL_SIR_NOPM_2_20220216T032313_20220216T033454_C001 CS_OFFL_SIR_NOPM_2_20220216T032313_20220216T033254_C001 CS_OFFL_SIR_NOPM_2_20220216T032320_20220216T033306_C001 CS_OFFL_SIR_NOPM_2_20220216T033220_20220216T033306_C001 CS_OFFL_SIR_NOPM_2_20220216T033220_20220216T033306_C001 CS_OFFL_SIR_NOPM_2_20220216T083011_20220216T083100_C001 CS_OFFL_SIR_NOPM_2_20220216T083011_20220216T085100_C001 CS_OFFL_SIR_NOPM_2_20220216T083031_20220216T085100_C001 CS_OFFL_SIR_NOPM_2_20220216T083031_20220216T085100_C001 CS_OFFL_SIR_NOPM_2_20220216T083035_20220216T094016_C001 CS_OFFL_SIR_NOPM_2_20220216T093355_20220216T094016_C001 CS_OFFL_SIR_NOPM_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPM_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPM_2_20220216T083035_20220216T094016_C001 CS_OFFL_SIR_NOPM_2_20220216T083035_20220216T094016_C001 CS_OFFL_SIR_NOPM_2_20220216T083035_20220216T094016_C001 CS_OFFL_SIR_NOPM_2_20220216T083035_20220216T094016_C001 CS_OFFL_SIR_NOPM_2_20220216T083035_20220216T094016_C001 CS_OFFL_SIR_NOPM_2_20220216T083	CS_OFFL_SIR_NOPM_2_20220216T225944_20220216T231132_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_NOPM_2_20220216T232605_20220216T234108_C001 CS_OFFL_SIR_NOPM_2_20220216T232605_20220216T234108_C001 CS_OFFL_SIR_NOPM_2_20220216T232428_20220216T234853_C001 CS_OFFL_SIR_NOPM_2_20220216T23428_20220216T032454_C001 CS_OFFL_SIR_NOPM_2_20220216T032313_20220216T032454_C001 CS_OFFL_SIR_NOPM_2_20220216T032313_20220216T032454_C001 CS_OFFL_SIR_NOPM_2_20220216T032313_20220216T032355_20220216T033308_C001 CS_OFFL_SIR_NOPM_2_20220216T032353_20220216T033308_C001 CS_OFFL_SIR_NOPM_2_20220216T032353_20220216T033308_C001 CS_OFFL_SIR_NOPM_2_20220216T032353_20220216T033308_C001 CS_OFFL_SIR_NOPM_2_20220216T032353_20220216T033308_C001 CS_OFFL_SIR_NOPM_2_20220216T0303011_20220216T033308_C001 CS_OFFL_SIR_NOPM_2_20220216T0303011_20220216T033308_C001 CS_OFFL_SIR_NOPM_2_20220216T0303011_20220216T033308_C001 CS_OFFL_SIR_NOPM_2_20220216T0303011_20220216T033308_C001 CS_OFFL_SIR_NOPM_2_20220216T0303011_20220216T033308_C001 CS_OFFL_SIR_NOPM_2_20220216T0303011_20220216T0303043_C001 CS_OFFL_SIR_NOPM_2_20220216T0303011_20220216T030304_C001 CS_OFFL_SIR_NOPM_2_20220216T0303011_20220216T030304_C001 CS_OFFL_SIR_NOPM_2_20220216T0303011_20220216T030304_C001 CS_OFFL_SIR_NOPM_2_20220216T0303011_20220216T0300043_C001 CS_OFFL_SIR_NOPM_2_20220216T0300011_20220216T0300043_C001 CS_OFFL_SIR_NOPM_2_20220216T0300011_20220216T0300043_C001 CS_OFFL_SIR_NOPM_2_20220216T0300011_20220216T0300043_C001 CS_OFFL_SIR_NOPM_2_20220216T0300011_20220216T03000043_C001 CS_OFFL_SIR_NOPM_2_20220216T0300000000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20220216T231706_20220216T231935_C001	0 3,	
and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality Flags have been and Backscatter Quality, COCG Coean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, COCG Altimeter Range Quality, COCG Altimeter Range and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records The COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records The COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records The Cocan Altimeter Range and Backscatter Quality Flags have been set for one or more records The Cocan Altimeter Range and Backscatter Quality Flags have been set for one or more records The Cocan Altimeter Range and Backscatter Quality Flags have been set for one or more records The Cocan Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220216T192353_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T192251_20220216T192259_C001 CS_OFFL_SIR_NOPR_2_20220216T192251_20220216T192259_C001 CS_OFFL_SIR_NOPR_2_20220216T1930311_20220216T1904016_C001 CS_OFFL_SIR_NOPR_2_20220216T1930311_20220216T1904016_C0	CS_OFFL_SIR_NOPM_2_20220216T232001_20220216T232425_C001		
and Backscatter Quality set for one or more records CS_OFFL_SIR_NOPN_2_20220216T032313_20220216T032454_C001 CS_OFFL_SIR_NOPN_2_20220216T032313_20220216T032454_C001 CS_OFFL_SIR_NOPN_2_20220216T03220_20220216T033306_C001 CS_OFFL_SIR_NOPN_2_20220216T033220_20220216T033306_C001 CS_OFFL_SIR_NOPN_2_20220216T060200_20220216T060343_C001 CS_OFFL_SIR_NOPN_2_20220216T060200_20220216T060343_C001 CS_OFFL_SIR_NOPN_2_20220216T083011_20220216T060343_C001 CS_OFFL_SIR_NOPN_2_20220216T083011_20220216T083120_C001 CS_OFFL_SIR_NOPN_2_20220216T083011_20220216T083120_C001 CS_OFFL_SIR_NOPN_2_20220216T083011_20220216T083120_C001 CS_OFFL_SIR_NOPN_2_20220216T093011_20220216T083120_C001 CS_OFFL_SIR_NOPN_2_20220216T0930535_20220216T192400_C001 CS_OFFL_SIR_NOPN_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPN_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T1094016_C001 CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 CCOMA Altimeter Range and Backscatter Quality, CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CCOGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CCOGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CCOGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CCOGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CCOGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CCOGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CCOGA Altimeter Range Quality, CCOGA Altimeter Range an	CS_OFFL_SIR_NOPM_2_20220216T232605_20220216T234108_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
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Backscatter Quality CS_OFFL_SIR_NOPN_2_20220216T060200_20220216T060343_C001 Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220216T083011_20220216T083120_C001 CS_OFFL_SIR_NOPN_2_20220216T192353_20220216T192400_C001 CS_OFFL_SIR_NOPN_2_20220216T192353_20220216T192400_C001 CS_OFFL_SIR_NOPN_2_20220216T192353_20220216T192400_C001 CS_OFFL_SIR_NOPN_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T192251_20220216T192259_C001 Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T122251_20220216T122259_C001 CS_OFFL_SIR_NOPR_2_20220216T122251_20220216T122259_C001 COCOG Altimeter Range Quality, OCOG Backscatter Quality CS_OFFL_SIR_NOPR_2_20220216T180311_20220216T180605_C001 The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records COCOG Altimeter Range Altimeter Range and Backscatter Quality Flags have been set for one or more records COCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records COCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records COCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records COCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPN_2_20220216T032313_20220216T032454_C001		
Backscatter Quality Gr one or more records CS_OFFL_SIR_NOPN_2_20220216T083011_20220216T083120_C001 CS_OFFL_SIR_NOPN_2_20220216T083011_20220216T083120_C001 CS_OFFL_SIR_NOPN_2_20220216T192353_20220216T192400_C001 CS_OFFL_SIR_NOPN_2_20220216T192353_20220216T192400_C001 CS_OFFL_SIR_NOPN_2_20220216T192353_20220216T192400_C001 CS_OFFL_SIR_NOPN_2_20220216T205641_20220216T205728_C001 CS_OFFL_SIR_NOPN_2_20220216T205641_20220216T205728_C001 CS_OFFL_SIR_NOPR_2_20220216T205641_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T1093535_20220216T1094016_C001 CS_OFFL_SIR_NOPR_2_20220216T122251_20220216T1094016_C001 CS_OFFL_SIR_NOPR_2_20220216T1093535_20220216T1094016_C001 CS_OFFL_SIR_NOPR_2_20220216T122251_20220216T1094016_C001 CS_OFFL_SIR_NOPR_2_20220216T1093535_20220216T1094016_C001 CS_OFFL_SIR_NOPR_2_20220216T1094016_C001 CS_OFFL_SIR_NOPR_2_20220216T1094016_C001 CS_OFFL_SIR_NOPR_2_20220216T1094016_C001 CS_OFFL	CS_OFFL_SIR_NOPN_2_20220216T033220_20220216T033306_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220216T192353_20220216T192400_C001 CS_OFFL_SIR_NOPN_2_20220216T192353_20220216T192400_C001 CS_OFFL_SIR_NOPN_2_20220216T205641_20220216T205728_C001 CS_OFFL_SIR_NOPN_2_20220216T205641_20220216T205728_C001 CS_OFFL_SIR_NOPR_2_20220216T205641_20220216T205728_C001 CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 CS_OFFL_SIR_NOPR_2_20220216T122251_20220216T122259_C001 CS_OFFL_SIR_NOPR_2_20220216T122251_20220216T122259_C001 CS_OFFL_SIR_NOPR_2_20220216T180311_20220216T180605_C001 And Backscatter Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPN_2_20220216T060200_20220216T060343_C001		
Backscatter Quality Cs_OFFL_SIR_NOPN_2_20220216T192353_20220216T205728_C001 Cs_OFFL_SIR_NOPN_2_20220216T205641_20220216T205728_C001 Cs_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 Cs_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 Cs_OFFL_SIR_NOPR_2_20220216T122251_20220216T122259_C001 Cs_OFFL_SIR_NOPR_2_20220216T122251_20220216T122259_C001 Cs_OFFL_SIR_NOPR_2_20220216T122251_20220216T180311_20220216T180605_C001 Cs_OFFL_SIR_NOPR_2_20220216T180311_20220216T180605_C001 Cs_OFFL_SIR_NO	CS_OFFL_SIR_NOPN_2_20220216T083011_20220216T083120_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG	CS_OFFL_SIR_NOPN_2_20220216T192353_20220216T192400_C001		
CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220216T122251_20220216T122259_C001 CS_OFFL_SIR_NOPR_2_20220216T180311_20220216T180605_C001 And Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality CS_OFFL_SIR_NOPR_2_20220216T180311_20220216T180605_C001 CS_OFFL_SIR_NOPR_2_20220216T180311_20220216T180605_C001 And the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220216T180311_20220216T180605_C001 The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220216T180311_20220216T180605_C001	CS_OFFL_SIR_NOPN_2_20220216T205641_20220216T205728_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPR_2_20220216T093535_20220216T094016_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20220216T180311_20220216T180605_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_NOPR_2_20220216T122251_20220216T122259_C001		
Alumeter Hange and backscatter Quality Set for one or more records	CS_OFFL_SIR_NOPR_2_20220216T180311_20220216T180605_C001		

L2 Quality Flags (20 Hz 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:

68

Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20220216T000432_20220216T000656_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_20220216T004201_20220216T004541_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_20220216T022127_20220216T022234_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_20220216T024106_20220216T024515_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_20220216T024601_20220216T024724_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_20220216T024741_20220216T025104_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_20220216T033220_20220216T033306_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_20220216T042305_20220216T042721_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_20220216T050320_20220216T050652_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_20220216T051225_20220216T051340_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_20220216T053053_20220216T053227_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_20220216T055016_20220216T055118_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_20220216T060200_20220216T060343_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_20220216T060503_20220216T060606_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_20220216T064236_20220216T064557_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_20220216T071250_20220216T071612_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_20220216T073317_20220216T073439_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_20220216T100714_20220216T100907_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_20220216T110643_20220216T111010_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_20220216T113718_20220216T113905_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_20220216T114547_20220216T115112_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_20220216T115817_20220216T120119_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_20220216T120433_20220216T120842_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_20220216T122633_20220216T123145_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_20220216T124757_20220216T125110_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_20220216T154150_20220216T154701_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_20220216T155625_20220216T155749_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_20220216T164521_20220216T164632_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_20220216T172242_20220216T172412_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_20220216T173835_20220216T173958_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_20220216T181526_20220216T181652_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_20220216T191343_20220216T191355_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_20220216T205219_20220216T205302_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_20220216T223056_20220216T223120_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_20220216T225838_20220216T225943_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_20220216T231132_20220216T231706_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_20220216T003335_20220216T004032_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_20220216T005426_20220216T010053_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_20220216T023209_20220216T023426_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_20220216T041011_20220216T041224_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_20220216T041308_20220216T042304_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_20220216T054104_20220216T054146_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_20220216T054701_20220216T055010_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_20220216T055307_20220216T060159_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_20220216T060606_20220216T060631_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_20220216T073439_20220216T074213_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_20220216T074217_20220216T074228_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_20220216T082611_20220216T082614_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_20220216T091349_20220216T092103_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_20220216T092324_20220216T092346_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_20220216T100907_20220216T101537_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_20220216T102833_20220216T103046_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_20220216T104622_20220216T105047_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_20220216T105305_20220216T110011_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_20220216T122421_20220216T122632_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_20220216T123145_20220216T123754_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_20220216T123804_20220216T123901_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_20220216T125651_20220216T125735_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_20220216T132838_20220216T132931_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_20220216T141008_20220216T141859_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_20220216T150731_20220216T150839_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_20220216T173759_20220216T173835_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_20220216T173958_20220216T174038_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_20220216T180311_20220216T180605_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_20220216T190442_20220216T190500_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_20220216T191355_20220216T191432_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_20220216T225246_20220216T225537_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_20220216T234854_20220216T234956_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

L2 Quality Flags (1 Hz & 1 Hz PLRM)

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

118

> 1 Hz and 1 Hz 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 (20 Hz)

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: 53

L2 Retracking Flags (20 Hz PLRM)

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

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

Number of products with errors:

7. NOP QCC Report Analysis

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_NOPM1B	210	210	2	208	0
SIR_NOPR1B	101	101	0	101	0
SIR_NOPN1B	105	105	4	99	2
SIR_NOPM_2	210	210	150	60	0
SIR_NOPR_2	101	101	38	61	2
SIR_NOPN_2	103	103	43	60	0

7.1 QCC Errors

Number of QCC reports with errors:

9

Total number of occurrences of each error

Product Type RLOBOPNCDF	RL	RLOBOPNCDF	RL	RRTAISSOPOBHRNCDF	-	-	-	-	-
SIR_NOPN1B 0	0	0	0	2					
SIR_NOPR_2 2	2	2	2	0					

Fest Description Key:						
Abbreviation	Test name	Details				
RLOBOPNCDF	RangeLatitudeOrBlankOP_7NetCDF	Latitude should be between -90E7 and 90E7 - NetCDF				
RL	RangeLatitude_7	Latitude should be between -90E7 and 90E7				
RLOBOPNCDF	RangeLongitudeOrBlankOP_7NetCDF	Longitude should be between -180E7 and 180E7 - NetCDF				
RL	RangeLongitude_7	Longitude should be between -180E7 and 180E7				
RRTAISSOPOBHRNCD	RangeRecordTAlStartStopOPOrBlankHRNetC	The time value should be between the record TAI start/stop times of the SPH				

7.2 QCC Warnings

Number of QCC reports with warnings

1598

Total number of occurrences of each warning

Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNC
SIR_NOPM1B	208	0	0	0	0	0	0
SIR_NOPM_2	0	0	38	40	1	50	0
SIR_NOPN1B	99	0	0	0	0	0	0
SIR_NOPN_2	0	0	10	30	3	24	26
SIR_NOPR1B	98	0	0	0	0	0	0
SIR NOPR 2	0	2	21	30	1	28	19

Product Type	RBSZOPOEPNCDF	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCE	RPEPOPEDPI RMSINNCDI	RPEPOPEDSARNODE	RPEPOPFDSINNCDF
		2	2	2	2. 0 5. 2	2. 0 20	2
SIR_NOPM1B	0	0	0	O	0	0	0
SIR_NOPM_2	40	0	31	0	0	0	0
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	13	0	0	0	9	0	28
SIR_NOPR1B	0	0	0	0	0	0	0
SIR NOPR 2	12	1	0	33	0	38	0

Product Type	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	20	0	0	4	24	0	2
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	0	0	20	13	49	53	28
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	0	31	0	0	47	28	11

	Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF
Ī	SIR_NOPM1B	0	0	0	1	0	0	0
	SIR_NOPM_2	36	0	2	1	0	0	0
	SIR_NOPN1B	0	0	0	0	0	51	0
	SIR_NOPN_2	27	29	14	1	1	0	0
	SIR_NOPR1B	0	0	0	0	0	101	7
	SIR NOPR 2	24	33	1	0	6	0	0

Fest Description Key:						
Abbreviation	Test name	Details				
BCSHNCDF	BurstCounterStep20HzNetCDF	The burst counter should be one higher with regard to the previous burst counter				
IOHHMOOR	IndexOf1Hzin20HzMappingOutOfRange	The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1)				
MVIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees				
MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees				
MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only				
RBSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RBSZOPOEPFDPLRM NCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RBSZOPOEPNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RNELPOTONCDF	RangeNELPOceanTideOceanNetCDF	The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean				
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDPLRMSINN CDF	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDSARNCDF	RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPSARNCDF	RangePeakinessExcludingPolarOPSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPSINNCDF	RangePeakinessExcludingPolarOPSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean				
RSSHAOFDNCDF	RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
RSSHAOFDPLRMNCD F	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean				

	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPFDPLRMNC DF	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Start_v2_NetCDF	Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1)
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter

7.3 Missing QCC Reports

Number of products with missing QCC reports:

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