

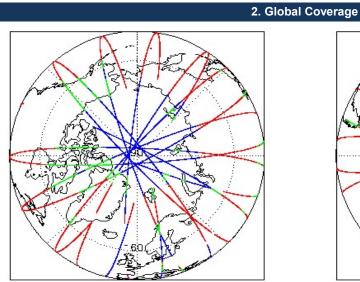
QA4EO Daily Report for NOP data:

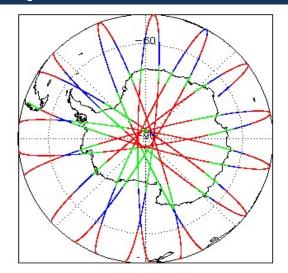
<u>01/09/2022</u>

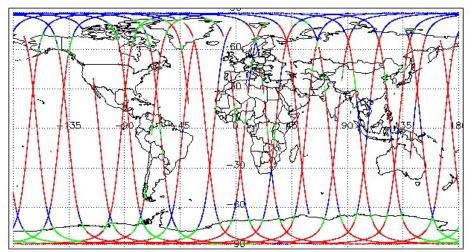
IDEAS-QAHEO

Report Production:	02-Sep-2022	Check	L1 & L2
Ceport Production.	02-3ep-2022	Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	0.010.0	Server check: calval-pds.cryosat.esa.int	Nominal
FIOCESSOI USEU.	CryoSat Ocean Processor	Product Software Check	Nominal
Data Used:	Near Real Time Ocean Products (NOP)	Product Format Check	Nominal
Data Used:	L1B & L2 Science Data	Product Header Analysis	Nominal
		Auxiliary Data File Usage Check	Nominal
		Auxiliary Correction Error Check	See Section 5.4
		Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5
		Measurement Quality Flag Check	See Section 5.6
		Ocean Retracking Quality Check	See Section 5.7
		QCC Error/ Warning Check	See Section 7.2

31-Aug-2022	None
01-Sep-2022	SIRAL unavailability from 16:51:58 to 17:48:36 due to an orvbit manoeuvre
02-Sep-2022	Nothing planned









LRM
SAR
SARIn

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

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).

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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 11b_proc_flag_hr flag is currently set all L1B NOPR and NOPN products because the 11b_processing_quality_hr field is not correctly configured in the OSAR and OSARIn chains. A modification is required in the next release

Number of products with errors:

4.3 L1B Auxilary Data File Usage Check

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

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

Number of products with errors:

4.4 L1B Auxiliary Correction Error Check

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

0

0

2

Number of products with errors:

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

products with	

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20220901T152020_20220901T155532_C001		There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20220901T163905_20220901T164411_C001		There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

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

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

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20220901T130844_20220901T131807_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220901T001653_20220901T001745_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220901T015126_20220901T015401_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220901T015449_20220901T015701_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220901T024957_20220901T025429_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220901T065857_20220901T065922_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220901T074714_20220901T075032_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220901T083853_20220901T083919_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220901T124927_20220901T125105_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220901T133509_20220901T133618_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220901T142830_20220901T143018_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20220901T195522_20220901T195658_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220901T021735_20220901T022623_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220901T033525_20220901T034041_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220901T055817_20220901T060010_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220901T073011_20220901T073328_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220901T133100_20220901T133509_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220901T182825_20220901T183638_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220901T191209_20220901T191654_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20220901T192714_20220901T192940_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:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Wind Model File Usage: This file is currently not included in all L2 products.

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Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

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

> ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric Correction, Wet Tropospheric Correction, Inverse Barometric Correction and the U-Wind and V-Wind components of the ECMWF model wind vector. This is a known anomaly (CRYO-COP-3) and will be resolved in a future IPF update.

> Mean Sea Surface: The error value is currently set for products over land and sea ice, but this is to be expected.

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> 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_20220901T004624_20220901T010110_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_20220901T043439_20220901T050220_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_20220901T065942_20220901T070658_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_20220901T071221_20220901T072033_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_NOPM_2_20220901T161154_20220901T163501_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_20220901T215605_20220901T221837_C001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide (solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_NOPN_2_20220901T001653_20220901T001745_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_20220901T010214_20220901T010356_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_20220901T011057_20220901T011319_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_20220901T015126_20220901T015401_C001	Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT and 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_NOPN_2_20220901T015449_20220901T015701_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_20220901T024108_20220901T024313_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_20220901T024957_20220901T025429_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_20220901T033133_20220901T033525_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_20220901T034041_20220901T034114_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_20220901T042123_20220901T042356_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_20220901T043116_20220901T043259_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_20220901T061015_20220901T061152_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_20220901T074023_20220901T074139_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_20220901T074714_20220901T075032_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_20220901T091942_20220901T092101_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_20220901T092610_20220901T092914_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_20220901T110037_20220901T110315_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_20220901T110514_20220901T111046_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_20220901T123947_20220901T124223_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 20220901T133509 20220901T133618 C001	Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) and the Mean Dynamic
	Topography (1)	Topography height (solution 1) for one or more records There is an error with the Mean Dynamic Topography height for one or
CS_OFFL_SIR_NOPN_2_20220901T141000_20220901T141312_C001	Mean Dynamic Topography (1)	more records
CS_OFFL_SIR_NOPN_2_20220901T151427_20220901T152020_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_20220901T155718_20220901T155906_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_20220901T160716_20220901T160940_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_20220901T183638_20220901T184052_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_20220901T191654_20220901T192026_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_20220901T195522_20220901T195658_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_20220901T205609_20220901T205930_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_20220901T210443_20220901T210607_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_20220901T214648_20220901T214814_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_20220901T224345_20220901T224454_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPR_2_20220901T001746_20220901T002327_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_20220901T015701_20220901T020401_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_20220901T033525_20220901T034041_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_20220901T051322_20220901T052341_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_20220901T065124_20220901T065857_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_20220901T070812_20220901T071010_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPR_2_20220901T132822_20220901T133100_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_NOPR_2_20220901T133100_20220901T133509_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_20220901T150805_20220901T151426_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_20220901T164948_20220901T165158_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_20220901T182825_20220901T183638_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_20220901T200737_20220901T201532_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_20220901T214814_20220901T215605_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_20220901T232723_20220901T233426_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
5.5.1.2 Massurament Confidence Data Check		

5.5 L2 Measurement Confidence Data Check

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

 Number of products with errors:
 2

 Product
 Test Failed
 Description

 CS_OFFL_SIR_NOPM_2_20220901T152020_20220901T155532_C001
 Power scaling error
 There is an error in the scaling of the L2 waveform for one or more records

 CS_OFFL_SIR_NOPM_2_20220901T163905_20220901T164411_C001
 Power scaling error
 There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (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.

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Number of products with errors:
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Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20220831T235339_20220901T001110_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_20220901T002507_20220901T002706_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_20220901T003224_20220901T004420_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_20220901T004624_20220901T010110_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_20220901T010356_20220901T010856_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_20220901T010935_20220901T011057_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_20220901T011824_20220901T012836_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_20220901T013455_20220901T015105_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_20220901T022623_20220901T023944_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_20220901T024313_20220901T024808_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_20220901T025605_20220901T033132_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_20220901T035623_20220901T041731_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_20220901T041759_20220901T041834_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_20220901T042748_20220901T043116_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_20220901T043439_20220901T050220_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_20220901T053318_20220901T055816_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_20220901T060140_20220901T060640_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_20220901T061424_20220901T064804_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_20220901T065942_20220901T070658_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_20220901T071221_20220901T072033_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_20220901T073328_20220901T073729_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_20220901T074139_20220901T074713_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_20220901T075441_20220901T083026_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_20220901T084641_20220901T084704_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_20220901T084715_20220901T084726_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_20220901T085943_20220901T091541_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_20220901T092101_20220901T092610_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_20220901T093311_20220901T100839_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_20220901T101835_20220901T102030_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_20220901T103047_20220901T103508_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_20220901T103603_20220901T105342_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_20220901T110315_20220901T110514_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_20220901T111259_20220901T112717_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_20220901T112837_20220901T112934_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_20220901T113414_20220901T114844_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_20220901T120051_20220901T121903_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_20220901T122030_20220901T123430_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_20220901T124223_20220901T124425_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_20220901T124531_20220901T124927_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_20220901T125155_20220901T130643_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_20220901T130844_20220901T131807_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_20220901T133853_20220901T135711_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_20220901T141312_20220901T141531_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_20220901T142029_20220901T142830_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_20220901T143134_20220901T144551_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_20220901T145535_20220901T145537_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_20220901T150023_20220901T150031_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_20220901T152020_20220901T155532_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

Build of California Build of California Build of California Build of California COUNT_SHEURON_LINESSMENT See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 The California Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 The California Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 The California Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 The California Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 The California Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 The California Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 The California Anthone States, 1996, 5001 See Anthone States, 1996, 5001 See Anthone States, 1996, 5001 The California Anthone States, 1996, 5001 See Anthone States, 1996, 5001	CS_OFFL_SIR_NOPM_2_20220901T160143_20220901T160716_C001	OCOG Altimeter Range Quality, OCOG	The OCOG Altimeter Range and Backscatter Quality Flags have been set
00,011,011_0104_013023001119110_202001119103_0010 and Backard Cally, COCA Althous Fings and Backard Cally Fings 01,011_011_011_0112_022001119103_02000119103_000 Carl Rink Fings Call, COCA Althous Fings and Backard Cally Fings 01,011_011_011_0112_022001119103_02000119103_000 Carl Rink Fings Call, CoCA Althous Fings and Backard Cally Fings 02,011_011_011_011_0112_022001119103_000119090_000 Carl Rink Fings Call, Solo, Solith To Carl Rink Fings Call, Solith 03,011_01_011_011_011_011_0111910_0001 Carl Rink Fings Call, Solith To Carl Rink Fings Call, Solith 03,011_01_011_011_011_011_0111910_0001 Carl Rink Fings Call, Solith To Carl Rink Fings Call, Solith 03,011_01_011_011_011_011_011_0111910_0001 Carl Rink Fings Call, Solith To Carl Rink Fings Call, Solith 03,011_01_011_011_011_011_011_0111910_0001 Carl Rink Fings Call, Solith To Carl Rink Fings Call, Solith		Backscatter Quality	for one or more records
CB, OHL, SR, LORM J, 2023001110018. JE22001112019. ave Beacher Datity, COC Alternative leafs (2 COC Alternative Range, and Beacher Cably Prog. Networks Cable Prog. SNR. 0014 (1999). CG, OHL, SR, NOMA J, 20230011130023, JE220011130026, JE220011120020, JE220011130026, JE220011120020, JE220011130026, JE220011120012, JE220011130026, JE220011120012, JE220011	CS_OFFL_SIR_NOPM_2_20220901T161154_20220901T163501_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C3 OPEL_DRINOPM_2_2022801118/028_2001 vve Rescardur Dually OPEC Anterne lease 500 COD Anterne Resp. 501, S011 vol Dual Dual Dual Dual Dual Dual Dual Dua	CS_OFFL_SIR_NOPM_2_20220901T175036_20220901T181618_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C3 DPIL SR NOPH 2 8022001119020 (2021) and backetter Quility COO Attimuter Range and Backetter Quility Plage Inter- Range and Backetter Quility COO Attimuter Range Cuility Plage Inter- Backetter Quility Plage Inter- Backeter Inter Quility Plage Inter Backetter Quility Plage I	CS_OFFL_SIR_NOPM_2_20220901T182128_20220901T182825_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCCURT LINE OF LUNCTION INCOLUSION INCOLUSI	CS_OFFL_SIR_NOPM_2_20220901T184053_20220901T191209_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
62. 0FFL SIR NOPM 2_80220811118246_02220911118246_022091118246_0219 mini Backacatur Quality (COC) Attenues are the COC) Attenues Resp. 381A, 8VM and Backacatur Quality (Fage, Navi A_2 20220811126461_2022091126679_001) 63. 0FFL SIR NOPM 2_80220811126461_2022091126679_0010 Cocen Attenues Resp. 381A, 6VM and Backacatur Quality (Fage, Navi A_2 20220811126667_001) 63. 0FFL SIR NOPM 2_80220811126667_0011 Cocen Attenues Resp. 381A, 6VM and Backacatur Quality (Fage, Navi A_2 20220811126667_001) 63. 0FFL SIR NOPM 2_80220811126667_001126672_0011 Cocen Attenues Resp. 381A, 6VM and Backacatur Quality (Fage Navi Backacatur Quality (Fage N	CS_OFFL_SIR_NOPM_2_20220901T192026_20220901T192558_C001		
DS_OFF_LBR_NOPM_2_20220801720149_2022081720173 and Seasonthe Quality Flags have been and seasonthe Q	CS_OFFL_SIR_NOPM_2_20220901T192940_20220901T193345_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS. OFFL. SR, NOPK 2, 202209017201532, 20220917201542, 2001 and Backsatter Quality Flags have been set to core of more modes. CS. OFFL. SR, NOPK 2, 202209017201542, 2001 2000 Allmeter Range SIM, SWH and Backsatter Quality Flags have been set to core or more modes. CS. OFFL_SR, NOPK 2, 20220901721642, 2001 2000 Allmeter Range, SIM, SWH and Backsatter Quality Flags have been set to core or more modes. CS. OFFL_SR, NOPK 2, 20220901721642, 2001 2000 Allmeter Range, SIM, SWH and Backsatter Quality Flags have been set to core or more modes. CS. OFFL_SR, NOPK 2, 20220901721642, 2022091721697, C001 and Backsatter Quality, COO Allmeter Range and Backsatter Quality Flags have been set to core or more modes. CS. OFFL_SR, NOPK 2, 20220901721642, 2022091721697, C001 and Backsatter Quality, COO Allmeter Range and Backsatter Quality Flags have been set to core or more modes. CS. OFFL_SR, NOPK 2, 20220901721605, 2022091721697, C001 and Backsatter Quality, COO Allmeter Range and Backsatter Quality Flags have been set to core or more modes. CS. OFFL_SR, NOPK 2, 202209017221602, 20220917221602, 20220917221602, 20220917221602, 20220917221602, 20220917221602, 20220917221602, 20220917221602, 20220917221602, 20220917221602, 20220917221602, 20220917221602, 20220917221602, 20220917221602, 20220917221602, 20220917221602, 20220917221602, 2022091722600, 202209172	CS_OFFL_SIR_NOPM_2_20220901T200451_20220901T200737_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Display Tor one or more records CB_OFFL_SIR_NOPM_2_002200117211018_202200117212224_0001 Cean Athenet Range, SSIA, SWH and Backscatter Quality Flags have been at the one or more records CB_OFFL_SIR_NOPM_2_002200117211018_202200117212224_0001 Cean Athenet Range, SSIA, SWH and Backscatter Quality Flags have been at the one or more records CB_OFFL_SIR_NOPM_2_002200117211607_0001 Range and Backscatter Quality. COC0 Athenete Range and Backscatter Quality Flags have been at the one or more records CB_OFFL_SIR_NOPM_2_002200011721607_0001 Cean Athenete Range, SSIA, SWH and Backscatter Quality Flags have been at the one or more records CB_OFFL_SIR_NOPM_2_022200011721607_0001 Cean Athenete Range, SSIA, SWH and Backscatter Quality Flags have been at the one or more records CB_OFFL_SIR_NOPM_2_022200011722182_0020011722183_0001 Cean Athenete Range, SSIA, SWH and Backscatter Quality Flags have been at the one or more records CB_OFFL_SIR_NOPM_2_022200011722182_0020011722380_0001 COcon Athenete Range and Backscatter Quality Flags have been set to one intervinces CB_OFFL_SIR_NOPM_2_02200011722380_0020011722380_00001 COcon Athenete Range and Backscatter Quality Flags have been set to one intervinces CB_OFFL_SIR_NOPM_2_022020011722384_0001 COcon Athenete Range and Backscatter Quality Flags have been set to one intervinces CB_OFFL_SIR_NOPM_2_0220200117223445_0001 COcon Athenete Range and Backscatter Quality Flags have been set to one intervinces	CS_OFFL_SIR_NOPM_2_20220901T201938_20220901T205228_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_OFFL_SIR_NOPM_2_0220011721108_20220011721824_C001 and Backscatter Quality and Backscatter Quality The Ocean Altimeter Range, and Backscatter Quality Flags CB_OFFL_SIR_NOPM_2_022000117214622_0022000117214617_C001 Doean Altimeter Range, SSH, SWH and Backscatter Quality Flags CB_OFFL_SIR_NOPM_2_022000117214622_0022000117214637_C001 Doean Altimeter Range, SSH, SWL The Ocean Altimeter Range, and Backscatter Quality Flags CB_OFFL_SIR_NOPM_2_0022000117214637_C001 Doean Altimeter Range, SSH, SWL The Ocean Altimeter Range, SSH, SWL The Ocean Altimeter Range, and Backscatter Quality Flags CB_OFFL_SIR_NOPM_2_0022000117214637_C001 Doean Altimeter Range, SSH, SWL The Ocean Altimeter Range, SSH, SWL and Backscatter Quality Flags CB_OFFL_SIR_NOPM_2_0022000117224638_0022000117224630_C001 DOCOD Altimeter Range Quality, OCOD The Ocean Altimeter Range, SSH, SWL and Backscatter Quality Flags CB_OFFL_SIR_NOPM_2_0022000117224648_0022000117224648_0022000117224648_0022000117224648_0022000117224648_0022000117224648_0022000117224648_0022000117224648_0022000117224648_0022000117224648_002000117224648_0022000117224648_002000117264445_C001 Docean Altimeter Range Quality, OCOD The OCOD Altimeter Range and Backscatter Quality Flags CB_OFFL_SIR_NOPM_2_0022000117224648_0022000117224648_002000 DOCOD Altimeter Range SSH, SWL and Backscatter Quality Flags have been set for one or more records The OCODA Altimeter Range SSH, SWL and Backscatter Quality Flags have been set for one or more records CB_OFFL_SIR_NOPM_2_202200011723468_00200011723468_0020001172346	CS_OFFL_SIR_NOPM_2_20220901T205930_20220901T210443_C001		
CB_OFR_SIR_NOPM_2_202209017214422_20220901721605_20220901721837_C001 and Backscatter Quality, CGO Altimeter Range and Backscatter Quality Flags have been set for one or more records CB_OFR_SIR_NOPM_2_20220901721605_202209017221837_C001 Cean Minister Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records CB_OFR_SIR_NOPM_2_202209017221837_C001 Ocean Minister Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records CB_OFR_SIR_NOPM_2_202209017221832_202209017221837_C001 Ocean Minister Range Calls, SWH and Backscatter Quality Flags have been set for one or more records CB_OFR_SIR_NOPM_2_202209017221832_202209017221832_C001 Ocean Altimeter Range Quality, COOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CB_OFR_SIR_NOPM_2_202209017221848_2022090172218445_C001 OCCOG Altimeter Range Quality, COOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CB_OFR_SIR_NOPM_2_202209017221848_202209017221843_C001 OCCGA Minister Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records CB_OFR_SIR_NOPM_2_202209017221848_20220901723143_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records CB_OFR_SIR_NOPM_2_202209017231843_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records CB_OFR_SIR_NOPM_2_20220901723488_20220901723488_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for o	CS_OFFL_SIR_NOPM_2_20220901T211018_20220901T212624_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220901721905_202209017221837_C001 and Backscatter Quality CoOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_202209017221932_202209017221930_C001 Cocm Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_202209017223948_202209017223980_C001 Cocm Altimeter Range Quality, COCG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_202209017223948_202209017223980_C001 COCGA Altimeter Range Quality, COCG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_202209017223948_202209017224945_C001 COCGA Altimeter Range Quality, COCG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_202209017224846_202209017224945_C001 Cocan Altimeter Range Range Albackscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901723291_2020901723291_C001 Cocan Altimeter Range, SIA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_202209017234281_C001 Cocan Altimeter Range, SIA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_202209017234281_C001 Cocan Altimeter Range, SIA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901723428	CS_OFFL_SIR_NOPM_2_20220901T214422_20220901T214517_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220901T221932_20220901T223930_C001 and Backscatter Quality and Backscatter Quality and Backscatter Quality CS_OFFL_SIR_NOPM_2_20220901T223948_20220901T223930_C001 COCO Altimeter Range Quality, OCOO Backscatter Quality The OCOO Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T223948_20220901T223945_C001 COCO Altimeter Range Quality, OCOO Backscatter Quality The OCOO Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T224648_20220901T231443_C001 COCO Altimeter Range SHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T224648_20220901T231443_C001 Cocan Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T231601_20220901T232231_C001 Cocan Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T232091T232091T232091_C001 Cocan Altimeter Range Quality, COCO Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T2320901T232090_C001 Cocan Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T235409_20220901T235409_C001 Cocan Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T235409_20220901T235409_C001 Cocan Altimeter Range, SHA, SWH and Backscatter Quality Fla	CS_OFFL_SIR_NOPM_2_20220901T215605_20220901T221837_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Cols_OFFSIR_NOPM_2_202209011223348_202209011223346_2020 Backscatter Quality End or more records CS_OFFE_SIR_NOPM_2_202209011223446_202209011223445_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set CS_OFFE_SIR_NOPM_2_202209011223446_202209011223445_C001 Ocean Altimeter Range, SSHA, SWH The OCOG Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_NOPM_2_202209011223406_2022090112323231_C001 Ocean Altimeter Range, SSHA, SWH The OCOG Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_NOPM_2_202209011232331_202209011232231_C001 Ocean Altimeter Range, SSHA, SWH The OCOG Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_NOPM_2_202209011232331_202209011232614_C001 Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_NOPM_2_202209011233428_202209011233614_C001 Ocean Altimeter Range, SSHA, SWH The OCOG Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_NOPM_2_202209011233549_202209011235549_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCean Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_202209011235549_202209011235549_C001 Ocean Altimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OC	CS_OFFL_SIR_NOPM_2_20220901T221932_20220901T223110_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
DG_OPPE_SIR_NOPM_2_202209011223448_202209011223443_C001 Backscatter Quality For one or more records CS_OFFL_SIR_NOPM_2_202209017223448_202209017231443_C001 Coean Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set to one or more records CS_OFFL_SIR_NOPM_2_202209017231501_202209017232231_C001 Coean Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_202209017233231_2022090172332614_C001 COCG Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter for one or more records CS_OFFL_SIR_NOPM_2_202209017233426_202209017233426_202209017235498_C001 Coean Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range and Backscatter Quality, CCOG Altimeter Range and Backscatter Quality, CCOG Altimeter Range and Backscatter Quality, CCOG Altimeter and the CCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901723549_202209017235549_C001 Coean Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_202209017235511_202209017235549_C001 Coean Altimeter Range, SSHA, S	CS_OFFL_SIR_NOPM_2_20220901T223528_20220901T223930_C001		
CS_OFFL_SIR_NOPM_2_20220901T231443_0001 and Backscatter Quality. COG Altimeter Range and Backscatter Quality Flags have been Range and Backscatter Quality Coc Altimeter Range. SNA, SWH and Backscatter Quality Flags have been records CS_OFFL_SIR_NOPM_2_20220901T231501_20220901T232231_0001 Ocean Altimeter Range. SSHA, SWH and Backscatter Quality Flags have been records CS_OFFL_SIR_NOPM_2_20220901T232331_20220901T232614_0001 OCGA Altimeter Range. SSHA, SWH and Backscatter Quality Flags have been records CS_OFFL_SIR_NOPM_2_20220901T2323426_20220901T234908_0001 OcGA Altimeter Range. SSHA, SWH and Backscatter Quality Flags have been records CS_OFFL_SIR_NOPM_2_20220901T23549_20220901T23508_0001 Ocean Altimeter Range. SSHA, SWH and Backscatter Quality Flags have been records CS_OFFL_SIR_NOPM_2_20220901T23549_20220901T23508_0001 Ocean Altimeter Range. SSHA, SWH and Backscatter Quality Flags have been records CS_OFFL_SIR_NOPM_2_20220901T23551_20220901T235508_0001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been records CS_OFFL_SIR_NOPM_2_20220901T23551_20220901T235524_0001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been records CS_OFFL_SIR_NOPM_2_20220901T023551_0020901T023552_0001 Ocean Altimeter Range Quality. OCOG Altimeter Range and Backscatter Quality Flags have been records CS_OFFL_SIR_NOPN_2_20220901T023133_20220901T023525_0001 Ocean Altimeter Range Quality. OCOG Altimeter Range and Backscatter Quality Flags have been records CS_OFFL_SIR_NOPN_2_20220901T0	CS_OFFL_SIR_NOPM_2_20220901T223948_20220901T224345_C001		
CS_OFFL_SIR_NOPM_2_20220901T231501_20220901T232231_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T232331_20220901T232614_C001 OCOGA Altimeter Range Quality, OCOG Altimeter Range And Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T233426_20220901T234908_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T23549_20220901T235508_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T235549_20220901T235508_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T235511_20220901T235508_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T235511_20220901T235542_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T024108_20220901T024313_C001 OCOGA Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T033133_20220901T035134_C001 OCOGA Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T03519_20220901T035	CS_OFFL_SIR_NOPM_2_20220901T224848_20220901T231443_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220901T233426_20220901T234908_C001 Backscatter Quality for one or more records CS_OFFL_SIR_NOPM_2_20220901T233426_20220901T234908_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SHA, SWH and Backscatter Quality, OCOG Altimeter Range, SHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T024108_20220901T024313_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T033133_20220901T033133_20220901T033525_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T035019_20220901T03514_C001 OCCG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Qualit	CS_OFFL_SIR_NOPM_2_20220901T231501_20220901T232231_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220901T233426_20220901T233408_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Range and Backscatter Quality and Backscatter Quality set for one or more records CS_OFFL_SIR_NOPM_2_20220901T235349_20220901T235508_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality CS_OFFL_SIR_NOPM_2_20220901T235511_20220901T235544_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T235511_20220901T235824_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T024108_20220901T024313_C001 OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T033133_20220901T033525_C001 OCCOG Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T035019_20220901T035134_C001 OCCG Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have be	CS_OFFL_SIR_NOPM_2_20220901T232331_20220901T232614_C001		
CS_OFFL_SIR_NOPM_2_20220901T235549_20220901T235508_C001 and Backscatter Quality, OCOG Altimeter Range and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPM_2_20220901T235511_20220901T235524_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been 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_20220901T024108_20220901T024313_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T024108_20220901T024313_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T033133_20220901T033525_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T035019_20220901T035134_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T035019_20220901T035134_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T035019_20220901T035134_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T133509_20220901T035134_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Qual	CS_OFFL_SIR_NOPM_2_20220901T233426_20220901T234908_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPM_2_20220901T235511_20220901T235824_C001 and Backscatter Quality, OCOG Altimeter and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T024108_20220901T024313_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T024108_20220901T024313_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T033133_20220901T033525_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T035019_20220901T035134_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T035019_20220901T035134_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20220901T235349_20220901T235508_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20220901T024106_20220901T024313_C001 Backscatter Quality for one or more records CS_OFFL_SIR_NOPN_2_20220901T033133_20220901T033525_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T035019_20220901T035134_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T035019_20220901T035134_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T133509_20220901T133618_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPM_2_20220901T235511_20220901T235824_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPN_2_20220901T033133_20220901T033525_C001 and Backscatter Quality, OCOG Altimeter and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T035019_20220901T035134_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T035019_20220901T035134_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPN_2_20220901T133509_20220901T133618_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set	CS_OFFL_SIR_NOPN_2_20220901T024108_20220901T024313_C001		
CS_OFFL_SIR_NOPN_2_202209011035019_202209011035134_C001 Backscatter Quality for one or more records CS_OFFL_SIR_NOPN_2_202209011133509_202209011113509_202209011113509_202209011113509_202209011113509_202209011113509_2022090111133509_2022090111133509_2022090111133509_20220901100000	CS_OFFL_SIR_NOPN_2_20220901T033133_20220901T033525_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_NOPN_2_20220901T035019_20220901T035134_C001		
	CS_OFFL_SIR_NOPN_2_20220901T133509_20220901T133618_C001		

CS_OFFL_SIR_NOPN_2_20220901T205609_20220901T205930_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20220901T111046_20220901T111259_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20220901T145325_20220901T145406_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20220901T150805_20220901T151426_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20220901T155532_20220901T155717_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

L2 Quality Flags (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.

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPN_2_20220901T011057_20220901T011319_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_20220901T012836_20220901T012942_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_0FFL_SIR_NOPN_2_20220901T013324_20220901T013455_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_20220901T015106_20220901T015126_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_20220901T015126_20220901T015401_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_20220901T024957_20220901T025429_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_20220901T033133_20220901T033525_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_20220901T034041_20220901T034114_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_20220901T035019_20220901T035134_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_20220901T043116_20220901T043259_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_20220901T061015_20220901T061152_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_20220901T072033_20220901T072407_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_20220901T074714_20220901T075032_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_20220901T084620_20220901T084641_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_20220901T085803_20220901T085943_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_20220901T092610_20220901T092914_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_20220901T110037_20220901T110315_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_20220901T110514_20220901T111046_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_20220901T124425_20220901T124530_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_20220901T133509_20220901T133618_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_20220901T133725_20220901T133852_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_20220901T135731_20220901T135940_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_20220901T141000_20220901T141312_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_20220901T145537_20220901T145915_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_20220901T151427_20220901T152020_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_20220901T155718_20220901T155906_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_20220901T160114_20220901T160142_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_20220901T163501_20220901T163606_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_20220901T164759_20220901T164820_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_20220901T183638_20220901T184052_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_20220901T191654_20220901T192026_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_20220901T192558_20220901T192714_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_20220901T194435_20220901T194605_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_20220901T201533_20220901T201717_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_20220901T205609_20220901T205930_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_20220901T210443_20220901T210607_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_20220901T212624_20220901T212946_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_20220901T214648_20220901T214814_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_20220901T224345_20220901T224454_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_20220901T001746_20220901T002327_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_20220901T002415_20220901T002507_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_20220901T004420_20220901T004624_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_20220901T011319_20220901T011823_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_20220901T015701_20220901T020401_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

Cold Dirty BR, NORE 2 2022001113022 2022001130211 COM COOD Backetor Galary Immension CI DIFL BR, NORE 2 2022001113022 2022001130211 COM COM COM The State COM			
CB. OFFL SFL NOPE 2. 2020001112002. 202001112002. 0011 Interface Control SPL	CS_OFFL_SIR_NOPR_2_20220901T021735_20220901T022623_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
Core Units off North 2 account ToxIns (100000 (M)) COCO Rescandin Cashy Instrumental Cashy CD, OFFL, SIR, NORE 2, 2022001 T0XIN2, 2022001 T0XIN2, 0021 Coco Anthree Resp. SIRK, SVPL et the score of the resp. Sirk, SVPL et the score of	CS_OFFL_SIR_NOPR_2_20220901T033525_20220901T034041_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
ets_des_th_set_ords2.notes_2	CS_OFFL_SIR_NOPR_2_20220901T035547_20220901T035622_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
els_OFF_SIR_NORP_2_R022001T16811_2021 els Alternative Guiley FLNL OCCU https://www.internative.com/ https://wwww.internative.com/ https://www.internative.com/ https://www.internative.com/ https://www.internative.com/ https://www.internative.com/ https://www.internative.com/ https://www.internative.com/ https://www.internative.com/ https://www.internative.com/ https://www.internative.com/ https://www.internativ	CS_OFFL_SIR_NOPR_2_20220901T051322_20220901T052341_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Con Park, Serv. Cont. J. Control Basesater Castry Parks SMR SWR SWR SWR SWR SWR SWR SWR SWR SWR SW	CS_OFFL_SIR_NOPR_2_20220901T055817_20220901T060010_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CPL_DEL_NOPK_2_02220811108134_02220811108134_02220811108134_022208 met Daskesatte Cable (PLM) COD met Daskesatte Cable (PLM) COD CPL_DEL_NOPK_2_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811107813_02220811108157_0201 CODD Almoster Range_Dashty FLMA The OOOO Range and Backacatter Cable (PLMA) FLMA CR_OFFL_SR_NOPK_2_02220811107813_02220811108157_C001 CODD Almoster Range_Dashty FLMA The OOOO Range and Backacatter Cable (PLMA) FLMA CR_OFFL_SR_NOPK_2_02220811108157_C001 CODD Almoster Range_Dashty FLMA The OOOO Range and Backacatter Cable (PLMA) FLMA CR_OFFL_SR_NOPK_2_02220811108157_C001 CODD Almoster Range_Dashty FLMA The OOOO Range and Backacatter Cable (PLMA) FLMA CR_OFFL_SR_NOPK_2_02209811108157_C001 CODD Almoster Range_Dashty FLMA The OOOO Range and Backacatter Cable (PLMA) FLMA Hashter Range Dashty FLMA CR_OFFL_SR_NOPK_2_02209811108157_C001 CODD Almoster Range Dashty FLMA The OOOR Range and Backacatter Cable (PLMA) FLMA Hashter Range SSHA, SWH CR_OFFL_SR_NOPK_2_02209811110810_0220911111080_0001 CODD Almoster Range Dashty FLMA The OOOR Range and Backacatter Cable (PLMA) FLMA Hashter Range SSHA, SWH and Backacatter Cable (PLMA) FLMA Hashter Range SSHA, SWH and Backacatter Cable (PLMA) FLMA Hashter Range SSHA, SWH and Backacatter Cable (PLMA) FLMA Hashter Range SSHA, SWH and Backacatter Cable (PLMA) FLMA Hashter Range SSHA, SWH and Backacatter Cable (PLMA) FLMA Hashter Rang	CS_OFFL_SIR_NOPR_2_20220901T064935_20220901T065019_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
 Config Jones, Jon	CS_OFFL_SIR_NOPR_2_20220901T065124_20220901T065857_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFL_SIR_NOPR_2_0220001T073723_0220001T074523_02001 and Backszatter Quality FURM_ODD mile than 0.0000 Allem rep reps. Shi . Shift was been set for one of more records CS_OFFL_SIR_NOPR_2_0220001T084500_020020001T084500_02001 COCO Allement Prago Quality FURM_ODD The COCO Range and Backszatter Quality Flags have been set for one of more records CS_OFFL_SIR_NOPR_2_02202001T084500_020020001T084500_02001 COCO Allement Prago Quality FURM_ODD The COCO Range and Backszatter Quality Flags have been set for one of more records CS_OFFL_SIR_NOPR_2_022020001T084500_02002001T084500_02001 COCO Allement Prago Quality FURM_ODD The COCO Range and Backszatter Quality Flags have been set for one of more records CS_OFFL_SIR_NOPR_2_022020001T084500_02001 COCO Allement Prago Quality FURM_ODD The COCO Range and Backszatter Quality Flags have been set for one of more records CS_OFFL_SIR_NOPR_2_022020001T105542_0220001T10557_0001 COCO Allement Prago, ShA, SWH and Backszatter Quality Flags have been set for one of more records CS_OFFL_SIR_NOPR_2_022020001T105542_0220001T110557_0001 COCO Allement Prago, ShA, SWH and Backszatter Quality Flags have been set for one of more records CS_OFFL_SIR_NOPR_2_022020001T105542_0202001T112500_0001 COCO Allement Prago, ShA, SWH and Backszatter Quality Flags have been set for one of more records CS_OFFL_SIR_NOPR_2_02202001T112503_0001 COCO Allement Prago, ShA, SWH and Backszatter Quality Flags have been set for one of more records The Ocon Allement Prago, ShA, SWH and Backszatter Quali	CS_OFFL_SIR_NOPR_2_20220901T070812_20220901T071010_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
Construction County Figure Note: Construction County Figure Note See Set County Figure Note: Set County Figur	CS_OFFL_SIR_NOPR_2_20220901T073729_20220901T074023_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCCOR DCCOR DCCOR DCCOR Management CS_OFFL_SIR_NORR_2_20220901T091541_2022091T091542_C001 Cocan Attender Range, SSHA, SWH PLRM The Occan Attender Range, SSHA, SWH and Backscatter Quality Flags have been set or our more records CS_OFFL_SIR_NORR_2_20220901T1091542_C020001T110037_C001 Cocan Attender Range, SSHA, SWH and Backscatter Quality FLBM. COCG Attender Range and Backscatter Quality Flags have been set or our more records CS_OFFL_SIR_NORR_2_20220901T12903_C020001T122039_C001 COCG Attender Range, SSHA, SWH and Backscatter Quality FLBM. COCG Attender Range and Backscatter Quality Flags have been set or our more records CS_OFFL_SIR_NORR_2_20220901T122037_C001 COCG Attender Range, SSHA, SWH and Backscatter Quality Flags have been set for one or nore records CS_OFFL_SIR_NORR_2_20220901T122037_C001 Cocan Attender Range, SSHA, SWH and Backscatter Quality Flags have been set for one or nore records CS_OFFL_SIR_NORR_2_20220901T122037_C001 Cocan Attender Range, SSHA, SWH and Backscatter Quality Flags have been set for one or nore records CS_OFFL_SIR_NORR_2_20220901T13200_2020001T114209_C001 Cocan Attender Range, SSHA, SWH and Backscatter Quality Flags have been set for one or nore records CS_OFFL_SIR_NORR_2_20220901T141496_C001 Cocan Attender Range, SSHA, SWH and Backscatter Quality Flags have been set for one or nore records CS_OFFL_SIR_NORR_2_20220901T14492_2020901T14490_C001 Cocan Attender Range, SSHA, SWH and Backscatter Quality Flags have	CS_OFFL_SIR_NOPR_2_20220901T084250_20220901T084554_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
GS_OFFL_SIR_NOPR_2_2022001T091541_2022001T091542_0001 and Backscatter Ouality FLBM_OCCD Allmeter Range and Backscatter Ouality FLBM_Deve been FLRM index Castage one Backscatter Ouality FLBM_Deve been FLRM CS_OFFL_SIR_NOPR_2_20220001T103542_20220001T12030_0001 COCCD Allmeter Range and Backscatter Ouality FLBM_Deve been FLRM The OCCOD Allmeter Range, SSHA_SWH and Backscatter Ouality FLBM been been and Backscatter Ouality FLBM_OCCD. CS_OFFL_SIR_NOPR_2_20220001T12033_0022001T12030_0001 COCCD Allmeter Range SSHA_SWH and Backscatter Ouality FLBM_OCCD. CS_OFFL_SIR_NOPR_2_20220001T121303_2022001T123047_C001 COCCD Allmeter Range SSHA_SWH and Backscatter Ouality FLBM_OCCD. Allmeter Range and Backscatter Ouality FLBM_OCCD. The OCCOD Range and Backscatter Ouality FLBM_OCCD. Allmeter Range and Backscatter Ouality FLBM_OCCD. The OCCOD Range and Backscatter Ouality FLBM_OCCD. CS_OFFL_SIR_NOPR_2_20220001T112300_2022001T12300_0001 COCCD Allmeter Range, SSHA_SWH and Backscatter Ouality FLBM_OCCD. CS_OFFL_SIR_NOPR_2_20220001T141900_0001 COCEN Allmeter Range, SSHA_SWH and Backscatter Ouality FLBM_OCCD. CS_OFFL_SIR_NOPR_2_20220001T141900_0001 COCCD Allmeter Range, SSHA_SWH and Backscatter Ouality FLBM_OCCD. CS_OFFL_SIR_NOPR_2_20220001T141900_0001 COCCD Allmeter Range, SSHA_SWH and Backscatter Ouality FLBM_OCCD. CS_OFFL_SIR_NOPR_2_20220001T141900_0001 COCCD Allmeter Range, SSHA_SWH and Backscatter Ouality FLBM_OCCD. CS_OFFL_SIR_NOPR_2_20220001T	CS_OFFL_SIR_NOPR_2_20220901T084806_20220901T085127_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
GS_OFFL_SIR_NOPR_2_2022001T165342_2022001T110037_C001 and Backscatter Quality FLMM_COCG memory and Backscatter Quality FLMM_COCG GS_OFFL_SIR_NOPR_2_2022001T12003_0220001T12009_C001 OCG Allmeter Range SIAA, SWH and Backscatter Quality FLMM_COCG The OCCG Range and Backscatter Quality FLMM_COCG CS_OFFL_SIR_NOPR_2_20220001T12003_00220001T12004_C001 OCG Allmeter Range SIAA, SWH and Backscatter Quality FLMM_COCG The OCCG Range and Backscatter Quality FLMM_COCG CS_OFFL_SIR_NOPR_2_20220001T12004_C001 Ocean Allmeter Range SIAA, SWH and Backscatter Quality FLMM_COCG The OCCG Range and Backscatter Quality FLMM_COCG CS_OFFL_SIR_NOPR_2_20220001T12004_C001 Ocean Allmeter Range, SIAA, SWH and Backscatter Quality FLMM_COCG The OCCG Range and Backscatter Quality FLMM_COCG CS_OFFL_SIR_NOPR_2_20220001T141749_20220001T141806_C001 Allmeter Range, SIAA, SWH and Backscatter Quality FLMM_COCG The OCCG Range and Backscatter Quality FLMM_COCG CS_OFFL_SIR_NOPR_2_20220001T144552_20220001T144517_2001 OCCG Allmeter Range Guality FLMM_COCG The OCCG Range and Backscatter Quality FLMM_FERS_NEW and Backscatter Quality FLMM_FERS_NEW and Backscatter Quality FLMM_FERS_NEW and Backscatter Quality FLMM_COCG CS_OFFL_SIR_NOPR_2_20220001T144517_20220001T144517_2001 OCCG Allmeter Range Guality FLMM_COCG The OCCG Range and Backscatter Quality FLMM_FERS_NEW and Backscatter Quality FLMM_FERS_NEW and Backscatter Quality FLMM_FERS_NEW and Backscatter Quality FLMM_COCG The OCCG Range and Backscatter Quality FLMM_FERS_NEW and Backscatter Quality	CS_OFFL_SIR_NOPR_2_20220901T091541_20220901T091942_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20220011123431_202208011123447_C001 OCC6 Backsoatter Quality more records CS_OFFL_SIR_NOPR_2_202209011123431_202208011123447_C001 OCC6 Backsoatter Quality more records CS_OFFL_SIR_NOPR_2_20220901112341_20220801112347_C001 OCC6 Backsoatter Quality more records CS_OFFL_SIR_NOPR_2_202209011133100_202208011133509_C001 OCC6 Backsoatter Quality more records CS_OFFL_SIR_NOPR_2_20220901114310_0202208011133509_C001 OCC6 Backsoatter Quality more records CS_OFFL_SIR_NOPR_2_202209011144749_20220801114506_C001 OCC6 Attimeter Range and Backsoatter Quality more records CS_OFFL_SIR_NOPR_2_2022090111447749_202208011144506_C001 OCC6 Attimeter Range Quality PLRM, OCC0 Attimeter Range, SSHA, SWH and Backsoatter Quality more records CS_OFFL_SIR_NOPR_2_202209011144917_2001 OCC0 Attimeter Range Quality PLRM, OCC0 Attimeter Range, SSHA, SWH and Backsoatter Quality more records CS_OFFL_SIR_NOPR_2_202209011144917_202208011146323_C001 OCC6 Attimeter Range, Quality PLRM, OCC0 Attimeter Range, SSHA, SWH and Backscatter Quality more records CS_OFFL_SIR_NOPR_2_202209011164642_202208011165323_C022080111164782_C001 OCC6 Attimeter Range, SSHA, SWH and Backscatter Quality more records CS_OFFL_SIR_NOPR_2_202209011164648_202208011116578_C001 OCC6 Attimeter Range, SSHA, SWH and Backscatter Quality	CS_OFFL_SIR_NOPR_2_20220901T105342_20220901T110037_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OFFL_SIR_NOPR_2_202209011123431_202209011123447_C001 and Backscatter Quality FLM, OCCO and Backscatter Quality FLM, OCCO GS_OFFL_SIR_NOPR_2_202209011123100_202209011133500_C001 Admineter Range and Backscatter Quality FLM, OCCO The OCCO Admineter Range, SSHA, SWH and Backscatter Quality FLM, OCCO GS_OFFL_SIR_NOPR_2_20220901113100_20220901113500_C001 OCCO Admineter Range, SSHA, SWH The OCCO Admineter Range, SSHA, SWH and Backscatter Quality FLM, OCCO GS_OFFL_SIR_NOPR_2_202209011141749_202209011141906_C001 OCCO Admineter Range, SSHA, SWH and Backscatter Quality FLM, OCCO GS_OFFL_SIR_NOPR_2_202209011144552_2022090111441907_C001 OCCO Admineter Range and Backscatter Quality FLM, OCCO CS_OFFL_SIR_NOPR_2_202209011144552_202209011144917_C001 OCCO Admineter Range and Backscatter Quality FLM, OCCO CS_OFFL_SIR_NOPR_2_202209011144917_C001 OCCO Admineter Range and Backscatter Quality FLM, OCCO CS_OFFL_SIR_NOPR_2_202209011144917_C001 OCCO Admineter Range and Backscatter Quality FLM, OCCO CS_OFFL_SIR_NOPR_2_202209011164532_20209011164523_0C01 OCCO Admineter Range, SSHA, SWH and Backscatter Quality FLM, OCCO CS_OFFL_SIR_NOPR_2_202209011164543_020209011164563 OCCO Admineter Range, SSHA, SWH and Backscatter Quality FLM, OCCO CS_OFFL_SIR_NOPR_2_202209011164543_020209011164562 OCCO Admineter Range, SSHA, SWH and Backscatter Quality FLM, OCCO CS_OFFL_SIR_NOPR_2_202209011164543_020209011164563 OCCO Admineter Rang	CS_OFFL_SIR_NOPR_2_20220901T121903_20220901T122030_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20220901T133100_20220901T133509_C001 and Backscatter Quality PLRM, QCCG CS_OFFL_SIR_NOPR_2_20220901T141749_20220901T141806_C001 Decan Altimeter Range and Backscatter Quality PLRM, QCCG CS_OFFL_SIR_NOPR_2_20220901T141749_20220901T141806_C001 Decan Altimeter Range and Backscatter Quality PLRM, QCCG CS_OFFL_SIR_NOPR_2_20220901T144552_20220901T144917_C001 DCCG Altimeter Range Quality PLRM, QCCG CS_OFFL_SIR_NOPR_2_20220901T144552_20220901T144917_C001 DCCG Altimeter Range Quality PLRM, QCCG CS_OFFL_SIR_NOPR_2_20220901T144917_20220901T144523_C001 DCCG Altimeter Range Quality PLRM, QCCG CS_OFFL_SIR_NOPR_2_20220901T144917_20220901T144523_C001 DCCG Altimeter Range SHA, SWH CS_OFFL_SIR_NOPR_2_20220901T150805_20220901T15426_C001 DCCGA Altimeter Range SHA, SWH The OCCG Range and Backscatter Quality PLRM, QCCG Minder Range and Backscatter Quality The OCCG Range and Backscatter Quality FLRM, QCCG The OCCGA Altimeter Range, SHA, SWH and Backscatter Quality PLRM, QCCG CS_OFFL_SIR_NOPR_2_20220901T155717_C001 DCCGA Altimeter Range and Backscatter Quality The OCCGA Range and Backscatter Quality PLRM, QCCG Rest DCGGA Altimeter Range, SHA, SWH and Backscatter Quality PLRM, QCCG The OCCGA Range and Backscatter Quality PLRM, QCCG RES_OFFL_SIR_NOPR_2_20220901T155717_C001 DCGGA Altimeter Range and Backscatter Quality PLRM, QCCG The OCCGA Range and Backscatter Quality PLR	CS_OFFL_SIR_NOPR_2_20220901T123431_20220901T123947_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OFFL_SIR_NOPR_2_20220901T141749_20220901T141806_0001 And Backscatter Quality PLRM, OCCG Interfer Range and Backscatter Quality PLRM, and the OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T144552_20220901T144917_0001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG COG Gatimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG COG Gatimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG COG Gatimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Gatimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Gatimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Gatimeter Rang	CS_OFFL_SIR_NOPR_2_20220901T133100_20220901T133509_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20220901T144917_20220901T145323_C001 OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T144917_20220901T145323_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T150805_20220901T151426_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T155532_20220901T155717_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T165532_20220901T165717_C001 Ocean Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T164543_20220901T165759_C001 OCCG Altimeter Range Quality PLRM, OCOG Altimeter Range, and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T164543_20220901T164759_C001 OCCG Altimeter Range SHA SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T164543_20220901T165158_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T164548_20220901T175036_C001 Ceean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T191209_20220901T1191564_C001 Ceean Alti	CS_OFFL_SIR_NOPR_2_20220901T141749_20220901T141806_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20220901T144917_20220901T14333_0001 OCOG Backscatter Quality more records OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T165532_20220901T165717_0001 OCGG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T164543_20220901T165759_001 OCGG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCGG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T164543_20220901T165158_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T174836_20220901T175036_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T191209_20220901T19154_C001 Ocean Alti	CS_OFFL_SIR_NOPR_2_20220901T144552_20220901T144917_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20220901T150805_20220901T151426_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Inte OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T155532_20220901T155717_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T164543_20220901T164759_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T164548_20220901T165158_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The 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 PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLR	CS_OFFL_SIR_NOPR_2_20220901T144917_20220901T145323_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20220901T155532_20220901T155717_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Gackscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T164543_20220901T165158_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T164948_20220901T165158_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH The OCean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T191209_20220901T191654_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T19209_20220901T191054_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags, SSHA, SWH and Backscatter Qua	CS_OFFL_SIR_NOPR_2_20220901T150805_20220901T151426_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20220901T104743_20220901T104739_0001 OCOG Backscatter Quality more records CS_OFFL_SIR_NOPR_2_20220901T164948_20220901T165158_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean 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, 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, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, 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, 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, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Q	CS_OFFL_SIR_NOPR_2_20220901T155532_20220901T155717_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20220901T164948_20220901T165158_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG and the OCOG Attimeter Range, and Backscatter Quality PLRM, OCOG and Backscatter Quality PLRM, OCOG The Ocean Attimeter Range, and Backscatter Quality PLRM, ocog and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range, and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_NOPR_2_20220901T191209_20220901T191654_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_NOPR_2_20220901T164543_20220901T164759_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_NOPR_2_20220901T174836_20220901T175036_C001 and Backscatter Quality PLRM, OCOG PLRM Interdet Range, SSHA, SWH and Backscatter Quality Flags at backscatter Quality Flags CS_OFFL_SIR_NOPR_2_20220901T191209_20220901T191654_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range 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, 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, SSHA, SWH and Backscatter Quality Flags	CS_OFFL_SIR_NOPR_2_20220901T164948_20220901T165158_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_NOPR_2_20220901T191209_20220901T191654_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG PLRM Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality PLRM, OCOG Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality PLRM, OCOG and Backscatter Quality PLRM, OCOG	CS_OFFL_SIR_NOPR_2_20220901T174836_20220901T175036_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFEL_SIR_NOPR_2_20220901T192714_20220901T192940_C001	CS_OFFL_SIR_NOPR_2_20220901T191209_20220901T191654_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Altimeter Range and Backscatter Quality set for one or more records	CS_OFFL_SIR_NOPR_2_20220901T192714_20220901T192940_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CS_OFFL_SIR_NOPR_2_20220901T195440_20220901T195522_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_20220901T200040_20220901T200342_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_20220901T200737_20220901T201532_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_20220901T201717_20220901T201838_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_20220901T205228_20220901T205609_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_20220901T210607_20220901T211018_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_20220901T214814_20220901T215605_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_20220901T223111_20220901T223321_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_20220901T224454_20220901T224848_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_20220901T232723_20220901T233426_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_20220901T234908_20220901T235349_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.

163

59

121

> 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.

0

1539

Number of products with errors:

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

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_NOPM1B	130	130	2	128	0
SIR_NOPR1B	84	84	0	84	0
SIR_NOPN1B	93	93	1	92	0
SIR_NOPM_2	134	134	88	46	0
SIR_NOPR_2	84	84	22	62	0
SIR_NOPN_2	93	93	40	53	0

7.1 QCC Errors

Number of QCC reports with errors:

7.2 QCC Warnings

Number of QCC reports with warnings

	too reports	and annings	1000					
	Total number of occurrences of each warning							
Product	t Type	BCSHNCDF	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD	RBSZOPOEPNCDF
SIR_NO	PM1B	128	0	0	0	0	0	0
SIR_NO	PM_2	0	37	38	2	39	0	32
SIR_NO	PN1B	91	0	0	0	0	0	0
SIR_NO	DPN_2	0	9	24	4	20	25	14
SIR_NO	PR1B	84	0	0	0	0	0	0
SIR_NO	DPR_2	0	38	40	0	37	31	18

Product Type	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCD	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF	RPEPOPLRMNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	1	31	0	0	0	0	26
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	0	0	0	19	0	26	0
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	0	0	40	0	49	0	0
Product Type	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF	RSWHOEPFDNCDF
SIR_NOPM1B	0	0	0	0	0	0	0
SIR_NOPM_2	0	0	4	25	0	5	37
SIR_NOPN1B	0	0	0	0	0	0	0
SIR_NOPN_2	0	21	15	39	45	24	20
SIR_NOPR1B	0	0	0	0	0	0	0
SIR_NOPR_2	40	0	0	57	42	12	41
Product Type	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF	-
SIR_NOPM1B	0	0	0	0	0	0	
SIR_NOPM_2	0	2	0	0	0	0	
SIR_NOPN1B	0	0	1	0	39	0	
SIR_NOPN_2	23	9	0	2	0	0	
SIR_NOPR1B	0	0	0	0	84	2	
SIR_NOPR_2	43	4	0	0	0	0	

est Description Key:					
Abbreviation	Test name	Details			
BCSHNCDF	BurstCounterStep20HzNetCDF	The burst counter should be one higher with regard to the previous burst counter			
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			
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees			
RSWHOEPFDPLRMNC 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_Stop_v2_NetCDF	Rel_Time_ASC_Node_Stop mismatch			
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:

0