

QA4EO Daily Report for IOP data:

<u>16/08/2022</u>

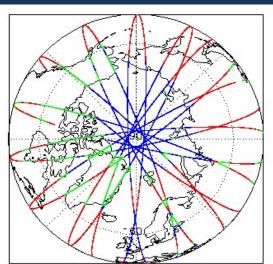
IDEAS-QAHEO

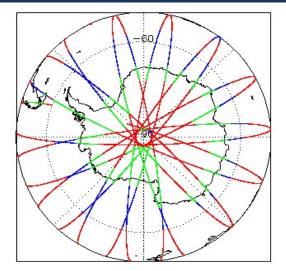
nort Production	19-Aug-2022	Check	L1 & L2	P2P
eport Production:	19-Aug-2022	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:		Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Intermediate Ocean Products (IOP)	Product Format Check	Nominal	Nominal
Data Osed:	L1B, L2 & P2P Science Data	Product Header Analysis	See Section 5.2	See Section 6.2
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
		Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
		Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
		Ocean Retracking Quality Check	See Section 5.7	See Section 6.7
		QCC Error/ Warning Check	See Section 7.2	See Section 7.2

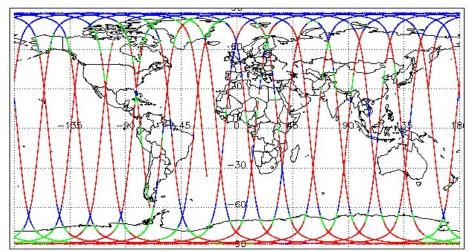
1. Overview

Aission / Instru	ment News
15-Aug-2022	None
16-Aug-2022	None
17-Aug-2022	Large gap of DORIS and Star Tracker L0 at 17/08/2022 12:58:24 to 17/08/2022 14:36:33 due to xband acquisition problems.

2. Global Coverage







Mode Coverage



3. Instrument Configuration

SIRAL instrument(s) in use:

SIRAL - A

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

4. IOP 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).

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.

Number of products with errors: Not 0!

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.

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.

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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 IOPR products due to a configuration issue. The attitude correction is actually not missing. This will be resolved in the next SW update.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20220816T015140_20220816T020658_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM1B_20220816T052006_20220816T052337_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM1B_20220816T133717_20220816T134334_C001		There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM1B_20220816T150916_20220816T151202_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

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

Loss of Echo Flag: This flag is currently set for products over land, but this is to be expected. The table provides the full list of products flagged.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20220816T015140_20220816T020658_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20220816T130703_20220816T132200_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20220816T153515_20220816T153733_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20220816T020658_20220816T020756_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20220816T021002_20220816T021218_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20220816T031313_20220816T031701_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20220816T112025_20220816T112539_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20220816T121127_20220816T121520_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20220816T152942_20220816T153121_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20220816T201947_20220816T202028_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20220816T233813_20220816T234045_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20220816T152333_20220816T152503_C001	Loss of Echo	The tracking echo is missing for one or more records

5. IOP 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.

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).

Not 0

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. The affected products are not reported in the table below.

> Sea State Bias & Sea State Bias PLRM: The error value is currently set for products over sea ice, but this is to be expected.

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

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

> Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.

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Product CS_OFFL_SIR_IOPM_2_20220816T015140_20220816T020658_C001	Test Failed Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean	Description There is an error with the MSS height (solution 1), the Mean Dynamic There is an error with the MSS height (solution 1), the Mean Dynamic
	Tide (FES), Non-Equilibrium Long Period Ocean Tide	Topography (solution 1) and tidal corrections for one or more records There is an error with the Mean Dynamic Topography height (solution 1) for
CS_OFFL_SIR_IOPM_2_20220816T053838_20220816T053921_C001	Mean Dynamic Topography (1)	one or more records
CS_OFFL_SIR_IOPM_2_20220816T170021_20220816T170100_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T003159_20220816T003303_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)
CS_OFFL_SIR_IOPN_2_20220816T011718_20220816T011855_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T012621_20220816T012824_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)
CS_OFFL_SIR_IOPN_2_20220816T021002_20220816T021218_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)
CS_OFFL_SIR_IOPN_2_20220816T031313_20220816T031701_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and 2: FES) and the Non- Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_IOPN_2_20220816T034548_20220816T035050_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T044548_20220816T044759_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T052337_20220816T052914_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T070159_20220816T070614_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 (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T075513_20220816T075638_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T084332_20220816T084533_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T093444_20220816T093610_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T094123_20220816T094425_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)
CS_OFFL_SIR_IOPN_2_20220816T111451_20220816T111756_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T112025_20220816T112539_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)
CS_OFFL_SIR_IOPN_2_20220816T121127_20220816T121520_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 (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T125504_20220816T125738_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)
CS_OFFL_SIR_IOPN_2_20220816T135335_20220816T135617_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T143003_20220816T143610_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)
CS_OFFL_SIR_IOPN_2_20220816T161224_20220816T161408_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)
CS_OFFL_SIR_IOPN_2_20220816T180043_20220816T180325_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)
CS_OFFL_SIR_IOPN_2_20220816T193147_20220816T193537_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)
CS_OFFL_SIR_IOPN_2_20220816T203247_20220816T203416_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T211128_20220816T211443_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)
CS_OFFL_SIR_IOPN_2_20220816T211956_20220816T212114_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T220226_20220816T220256_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_IOPN_2_20220816T225903_20220816T230016_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)
CS_OFFL_SIR_IOPN_2_20220816T233813_20220816T234045_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and 2: FES) and the Non- Equilibrium Long Period Ocean Tide for one or more records

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CS_OFFL_SIR_IOPN_2_20220816T234114_20220816T234237_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)
CS_OFFL_SIR_IOPR_2_20220816T003303_20220816T004006_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)
CS_OFFL_SIR_IOPR_2_20220816T021218_20220816T021916_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)
CS_OFFL_SIR_IOPR_2_20220816T035051_20220816T035613_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)
CS_OFFL_SIR_IOPR_2_20220816T052914_20220816T053838_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)
CS_OFFL_SIR_IOPR_2_20220816T070614_20220816T071353_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)
CS_OFFL_SIR_IOPR_2_20220816T084533_20220816T085215_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)
CS_OFFL_SIR_IOPR_2_20220816T085215_20220816T085351_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)
CS_OFFL_SIR_IOPR_2_20220816T102355_20220816T103116_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)
CS_OFFL_SIR_IOPR_2_20220816T103116_20220816T103312_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)
CS_OFFL_SIR_IOPR_2_20220816T120539_20220816T121012_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)
CS_OFFL_SIR_IOPR_2_20220816T121012_20220816T121127_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)
CS_OFFL_SIR_IOPR_2_20220816T134334_20220816T134847_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)
CS_OFFL_SIR_IOPR_2_20220816T134847_20220816T135014_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)
CS_OFFL_SIR_IOPR_2_20220816T152519_20220816T152942_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)
CS_OFFL_SIR_IOPR_2_20220816T170101_20220816T170105_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPR_2_20220816T170106_20220816T170330_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPR_2_20220816T170501_20220816T170908_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)
CS_OFFL_SIR_IOPR_2_20220816T184327_20220816T184948_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)
CS_OFFL_SIR_IOPR_2_20220816T201155_20220816T201257_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_IOPR_2_20220816T202303_20220816T203051_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)
CS_OFFL_SIR_IOPR_2_20220816T220256_20220816T221128_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)
CS_OFFL_SIR_IOPR_2_20220816T234237_20220816T234513_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)
CS_OFFL_SIR_IOPR_2_20220816T234513_20220816T235018_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)

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.

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Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20220816T015140_20220816T020658_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM_2_20220816T052006_20220816T052337_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM_2_20220816T133717_20220816T134334_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM_2_20220816T150916_20220816T151202_C001	Power scaling error	There is an error in the scaling of the L1B 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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Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20220815T235612_20220816T002753_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_IOPM_2_20220816T002934_20220816T003159_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_IOPM_2_20220816T004006_20220816T005450_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_IOPM_2_20220816T010045_20220816T011625_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_IOPM_2_20220816T011855_20220816T012410_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_IOPM_2_20220816T013419_20220816T014751_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_IOPM_2_20220816T015140_20220816T020658_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_IOPM_2_20220816T022931_20220816T023820_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_IOPM_2_20220816T024132_20220816T025515_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_IOPM_2_20220816T025821_20220816T030322_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_IOPM_2_20220816T031701_20220816T032447_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_IOPM_2_20220816T032855_20220816T033344_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_IOPM_2_20220816T034336_20220816T034548_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_IOPM_2_20220816T040541_20220816T040549_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_IOPM_2_20220816T041232_20220816T043330_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_IOPM_2_20220816T043854_20220816T044240_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_IOPM_2_20220816T044301_20220816T044547_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_IOPM_2_20220816T045008_20220816T051738_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_IOPM_2_20220816T054925_20220816T061313_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_IOPM_2_20220816T061636_20220816T062154_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_IOPM_2_20220816T062917_20220816T070158_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_IOPM_2_20220816T071645_20220816T072209_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_IOPM_2_20220816T072611_20220816T073506_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_IOPM_2_20220816T073508_20220816T074424_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_IOPM_2_20220816T074827_20220816T075239_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_IOPM_2_20220816T075638_20220816T080432_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_IOPM_2_20220816T081020_20220816T084151_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_IOPM_2_20220816T085351_20220816T085607_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_IOPM_2_20220816T092158_20220816T093030_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_IOPM_2_20220816T093610_20220816T094123_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_IOPM_2_20220816T094828_20220816T100936_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_IOPM_2_20220816T101221_20220816T102355_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_IOPM_2_20220816T103312_20220816T103607_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_IOPM_2_20220816T105220_20220816T105829_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_IOPM_2_20220816T110011_20220816T111028_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_IOPM_2_20220816T111756_20220816T112025_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_IOPM_2_20220816T112800_20220816T120405_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPM_2_20220816T121543_20220816T123533_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_IOPM_2_20220816T123537_20220816T124809_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_IOPM_2_20220816T125738_20220816T125933_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_IOPM_2_20220816T130129_20220816T130438_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_IOPM_2_20220816T130703_20220816T132200_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_IOPM_2_20220816T132403_20220816T133426_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_IOPM_2_20220816T135130_20220816T135335_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_IOPM_2_20220816T135617_20220816T141239_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_IOPM_2_20220816T143610_20220816T143854_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_IOPM_2_20220816T143911_20220816T144340_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_IOPM_2_20220816T144630_20220816T150027_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_IOPM_2_20220816T150206_20220816T150449_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_IOPM_2_20220816T153856_20220816T154446_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_IOPM_2_20220816T154730_20220816T161016_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_IOPM_2_20220816T161408_20220816T162247_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_IOPM_2_20220816T162607_20220816T165015_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_IOPM_2_20220816T165244_20220816T165321_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_IOPM_2_20220816T172508_20220816T174943_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_IOPM_2_20220816T175336_20220816T175507_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_IOPM_2_20220816T175623_20220816T180043_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_IOPM_2_20220816T180535_20220816T182930_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_IOPM_2_20220816T183705_20220816T184326_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_IOPM_2_20220816T185722_20220816T192730_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_IOPM_2_20220816T193537_20220816T194123_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_IOPM_2_20220816T194444_20220816T194907_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_IOPM_2_20220816T195323_20220816T195817_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_IOPM_2_20220816T202028_20220816T202217_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_IOPM_2_20220816T203416_20220816T210726_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_IOPM_2_20220816T211443_20220816T211956_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_IOPM_2_20220816T212535_20220816T214104_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_IOPM_2_20220816T215928_20220816T220115_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_IOPM_2_20220816T221128_20220816T222250_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_IOPM_2_20220816T222440_20220816T224129_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_IOPM_2_20220816T224139_20220816T224631_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_IOPM_2_20220816T225451_20220816T225902_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_IOPM_2_20220816T230401_20220816T232314_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_IOPM_2_20220816T232347_20220816T233634_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_IOPM_2_20220816T233634_20220816T233757_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_IOPM_2_20220816T235018_20220817T000902_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_IOPN_2_20220816T044255_20220816T044301_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_IOPN_2_20220816T153124_20220816T153158_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_IOPR_2_20220816T012824_20220816T013419_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_IOPR_2_20220816T014904_20220816T015005_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_IOPR_2_20220816T030322_20220816T030329_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_IOPR_2_20220816T035630_20220816T035728_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_IOPR_2_20220816T070614_20220816T071353_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_IOPR_2_20220816T121520_20220816T121543_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_IOPR_2_20220816T123534_20220816T123537_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_IOPR_2_20220816T150802_20220816T150916_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_IOPR_2_20220816T170342_20220816T170440_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_IOPR_2_20220816T192731_20220816T193147_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_IOPR_2_20220816T201850_20220816T201919_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_IOPR_2_20220816T233757_20220816T233813_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_IOPN_2_20220816T003159_20220816T003303_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_IOPN_2_20220816T020658_20220816T020756_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_IOPN_2_20220816T021002_20220816T021218_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_IOPN_2_20220816T022647_20220816T022738_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_IOPN_2_20220816T022738_20220816T022930_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_IOPN_2_20220816T025633_20220816T025821_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_IOPN_2_20220816T031313_20220816T031701_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records

A. OHL, B. OHL, 2. 20020HT130802, 20020HT130802, CON CODE Shares frage Safe YAND. The CODE Shares are backeter to back y Flage have same and are are an anomalic to back y Flage have backeter to back y Fl	CS_OFFL_SIR_IOPN_2_20220816T034548_20220816T035050_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records
Cold Control Contreno control Control Control Control Control Control C	CS_OFFL_SIR_IOPN_2_20220816T040549_20220816T040601_C001		
Cit, OHL, DHU, 2022041T10508_2020115T1056_000 DOD Network Marph 2000000000000000000000000000000000000	CS_OFFL_SIR_IOPN_2_20220816T040652_20220816T041052_C001		
CCUPTLORCCURTE_CAUGUE REFERENCE 2002 DIFFERENCE 2001 DOOD Researcher Garty Imme increase CL_DEFL_BR_UON_2_2002 REFERENCE_2002 DIFFERENCE_001 DOOD Researcher Garty Imme increase CL_DEFL_BR_UON_2_2002 REFERENCE_2002 DIFFERENCE_001 DOOD Researcher Garty Imme increase CL_DEFL_BR_UON_2_2002 REFERENCE_2002 DIFFERENCE_001 DOOD Attimuter Rency Clarity FLIM The OOD Researcher Clarity CL_DEFL_BR_UON_2_2002 REFERENCE_2002 DIFFERENCE_001 DOOD Attimuter Rency Clarity FLIM The OOD Rency and Researcher Clarity CL_DEFL_BR_UON_2_2002 REFERENCE_2002 DIFFERENCE_001 DOOD Attimuter Rancy Clarity FLIM The OOD Rency and Researcher Clarity CL_DEFL_BR_UON_2_2002 REFERENCE DOOD Attimuter Rancy Clarity FLIM The OOD Range and Becketacter Clarity FLIM CL_DEFL_BR_UON_2_2002 REFERENCE DOOD Attimuter Rancy Clarity FLIM The OOD Range and Becketater Clarity FLIM CL_DEFL_BR_UON_2_2002 REFERENCE DOOD Attimuter Rancy Clarity FLIM The OOD Range and Becketater Clarity FLIM CL_DEFL_BR_UON_2_2002 REFERENCE DOOD Attimuter Rancy Clarity FLIM The OOD Range and Becketater Clarity FLIM CL_DEFL_BR_UON_2_2002 REFERENCE DOOD Attimuter Rancy Clarity FLIM The OOD Range and Becketater Clarity FLIM CL_DEFL_BR_UON_2_2002 REFERENCE DOOD Attimuter Rancy Clarity FLIM	CS_OFFL_SIR_IOPN_2_20220816T043539_20220816T043854_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Control Control Control Control Control Cont	CS_OFFL_SIR_IOPN_2_20220816T051739_20220816T051951_C001		
Description Description more reach. CB_OFFL_SIR_OFFL_2_DOUGHISTICS COOD Rescuence Guilty The OCOD Rescuence Guilty FRRM. The OCOD Rescuence Guilty FRRM. CB_OFFL_SIR_OFFL_2_DOUGHISTICS COOD Rescuence Guilty The OCOD Rescuence Guilty FRRM. The OCOD Rescuence Guilty FRRM. CB_OFFL_SIR_OFFL_2_DOUGHISTICS COOD Rescuence Guilty The OCOD Rescuence Guilty FRRM. The OCOD Rescuence Guilty FRRM. The OCOD Rescuence Guilty FRRM. CB_OFFL_SIR_OFFL_2_DOUGHISTICS COOD Rescuence Guilty FRRM. The OCOD Rescuence Guilty FRRM. The OCOD Rescuence Guilty FRRM. CB_OFFL_SIR_OFFL_2_DOUGHISTICS COOD Rescuence Guilty FRRM. The OCOD Rescuence Guilty FRRM. The OCOD Rescuence Guilty FRRM. CB_OFFL_SIR_OFFL_2_DOUGHISTICS COOD Rescuence Frago Subtraction Guilty FRRM. The OCOD Rescuence Guilty FRRM. The OCOD Rescuence Guilty FRRM. CB_OFFL_SIR_OFFL_2_DOUGHISTICS COOD Rescuence Frago Subtraction Guilty FRRM. The OCOD Rescuence Guilty FRRM. The OCOD Rescuence Guilty FRRM. CB_OFFL_SIR_OFFL_2_DOUGHISTICS COOD Rescuence Guilty FRRM. The OCOD Rescuence Guilty FRRM. The OCOD Rescuence Guilty FRRM. CB_OFFL_SIR_OFFL_2_DOUGHISTICS COOD Rescuence Guilty FRRM. The OCOD Rescuence Guilty FRRM. The OCOD Rescuence Guilty FR	CS_OFFL_SIR_IOPN_2_20220816T052337_20220816T052914_C001		
OCCUR UNIT ON CONTROL OF CONTROL	CS_OFFL_SIR_IOPN_2_20220816T053922_20220816T054045_C001		
COUPL_SITUE_OFFL_SITUE COOD Backscatter Cuality more records COUPL_SITUE COOD Attimuter Range Cuality FRM. The COOD Range and Backscatter Cuality Flags have been set for one or more records CIS_OFFL_SITUE COOD Attimuter Range Cuality FRM. The COOD Range and Backscatter Cuality Flags have been set for one or more records CIS_OFFL_SITUE COOD Attimuter Range Cuality FRM. The COOD Range and Backscatter Cuality Flags have been set for one or more records CIS_OFFL_SITUE COOD Attimuter Range Cuality FRM. The Cool Range and Backscatter Cuality Flags have been set for one or more records CIS_OFFL_SITUE COOD Attimuter Range Cuality FRM. The Cool Range and Backscatter Cuality Flags have been set for one or more records CIS_OFFL_SITUE COOD Attimuter Range Cuality FRM. The Cool Range and Backscatter Cuality Flags have been set for one or more records CIS_OFFL_SITUE COOD Attimuter Range Cuality FRM. The Cool Range and Backscatter Cuality Flags have been set for one or more records CIS_OFFL_SITUE COOD Attimuter Range Cuality FRM. The Cool Range and Backscatter Cuality Flags have been set for one or more records CIS_OFFL_SITUE Cool Attimuter Range SINA, WYM and SINA and SINA AND ATTIMUTERS The Cool Attimuter Range, SINA, WYM and SINA and SINA AND ATTIMUTERS CIS_OFFL_SITUE COOD Attimuter Range SINA, WY	CS_OFFL_SIR_IOPN_2_20220816T054529_20220816T054645_C001		
OLD-FL_SH_UPPL_2 A02081611094932_0001 OCOG Backscater Guilty Increments CB_OFFL_SH_UPPL_2 A0208161070152_00208161070614_0001 OCOG Almoster Rango, SBH, SWH Almoter Rango and Backscatter Quality Flags have been after terroritic CB_OFFL_SR_JOPH_2_202208161085052_00200161085052_0020 OCOG Almoter Rango Quality FLAM, COCOG Backscatter Quality FLAM, OCOG Almoter Rango and Backscatter Quality Flags have been after terroritic The OCOG Range and Backscatter Quality Flags have been after terroritic CB_OFFL_SR_JOPH_2_202208161085052_0020016109610_0011 OCOG Almoter Rango QUIIty FLAM, OCOG Almoter Rango and Backscatter Quality FLAM, OCOG A	CS_OFFL_SIR_IOPN_2_20220816T054645_20220816T054656_C001		
Corport Corport <t< td=""><td>CS_OFFL_SIR_IOPN_2_20220816T054835_20220816T054925_C001</td><td></td><td></td></t<>	CS_OFFL_SIR_IOPN_2_20220816T054835_20220816T054925_C001		
GS_OFFL_SIR_JOPN_2_20220816T080432_0020816T080456_0001 and backscatter Quality FLBS and backscatter Quality FLBS GS_OFFL_SIR_JOPN_2_20220816T080432_0020816T080453_0001 COCO Atmoser Range and Backscatter Quality FLBS The Occor Range and Backscatter Quality FLBS GS_OFFL_SIR_JOPN_2_20220816T080453_0001 COCO Atmoser Range Outling FLBM. The Occor Range and Backscatter Quality FLBS GS_OFFL_SIR_JOPN_2_20220816T080546_0001 Cocor Atmoser Range Outling FLBM. The Occor Range and Backscatter Quality FLBS GS_OFFL_SIR_JOPN_2_20220816T080546_0001 Cocor Atmoser Range Outling FLBM. The Occor Range and Backscatter Quality FLBS GS_OFFL_SIR_JOPN_2_20220816T080546_0001 Cocor Atmoser Range Outling FLBM. The Occor Range and Backscatter Quality FLBS GS_OFFL_SIR_JOPN_2_20220816T080546_0001 Cocor Atmoser Range Outling FLBM. The Occor Range and Backscatter Quality FLBS GS_OFFL_SIR_JOPN_2_20220816T080546_0001 Cocor Atmoser Range Outling FLBM. The Occor Range and Backscatter Quality FLBS GS_OFFL_SIR_JOPN_2_20220816T090510_0001 Cocor Atmoser Range Outling FLBM. The Occor Range and Backscatter Quality FLBS GS_OFFL_SIR_JOPN_2_20220816T0904122_0020816T094425_0001 Cocor Atmoser Range Outling FLBM. The Occor Range and Backscatter Quality FLBS GS_OFFL_SIR_JOPN_2_20220816T094425_0001 Cocor Attimeter Range SLMA. SWH and Backscatter Quality FLBS The Occor Attime	CS_OFFL_SIR_IOPN_2_20220816T070159_20220816T070614_C001		
Corper_Ser_Dorm_2_20220816106432_20220816106432_202001 OCC0 Backscatter Qualty more records CS_OFFL_SIR_IOPN_2_202208161065607_202208161065507_202208161065607_202208161065607_202208161065607_202208161065607_202208161065607_202208161065607_202208161065607_202208161065607_202208161065607_202208161065607_202208161065607_202208161065607_202208161065607_202208161065607_202208161065607_202208161065615_0001 OCC00 Backscatter Qualty Flags The OCC00 Rameer Range Allmeter Range Allmet	CS_OFFL_SIR_IOPN_2_20220816T080432_20220816T080545_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_IOPN_2_20220816T085607_20220816T085646_001 and Backscatter Quality PLRN, GCOG Attimeter Range, and Backscatter Quality Flage have been PLM GS_OFFL_SIR_IOPN_2_20220816T085752_20220816T085915_C001 OCOG Attimeter Range, SSHA, SWH CCOG Backscatter Quality Flage have been CCOG Backscatter Quality Flage have been and Backscatter Quality Flage have been and Backscatter Quality Flage have been and Backscatter Quality Flage have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T083444_20220816T083610_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRN, CCOG Backscatter Quality Flage have been and to COCG Atimeter Range and Backscatter Quality Flage have been and backscatter Quality Flage have been and to COCG Atimeter Range and Backscatter Quality Flage have been and to COCG Atimeter Range and Backscatter Quality Flage have been and to COCG Atimeter Range and Backscatter Quality Flage have been and to COCG Atimeter Range and Backscatter Quality Flage have been and to COCG Atimeter Range and Backscatter Quality Flage have been and to COCG Atimeter Range and Backscatter Quality Flage have been and	CS_OFFL_SIR_IOPN_2_20220816T084332_20220816T084533_C001		
CS_OFFL_SIR_IOPN_2_202208161089132_0001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_202208161093444_202208161093610_C001 Attimeter Range and Backscatter Quality The OCOA Attimeter Range and Backscatter Quality The OCOA Attimeter Range and Backscatter Quality CS_OFFL_SIR_IOPN_2_202208161093444_202208161094123_202208161094123_202208161094425_C001 Cocean Attimeter Range and Backscatter Quality The OCOA Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_202208161105041_202208161105220_C001 OCOG Attimeter Range Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816111451_202208161111756_C001 OCOG Attimeter Range, SSNA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_202208161112025_202208161112530_C001 OCOG Attimeter Range, SSNA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_202208161112025_202208161112530_C001 OCOG Attimeter Range, SSNA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_202208161112025_202208161112530_C001 Attimeter Range, SSNA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_202208161112025_202208161112530_C001 Attimeter Range, SSNA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_2022081611	CS_OFFL_SIR_IOPN_2_20220816T085607_20220816T085646_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_JOPN_2_20220816T093444_20220816T093610_C001 and Backscatter Quality PLRM. OCOG In the backscatter Quality PLRM. OCOG CS_OFFL_SIR_JOPN_2_20220816T094123_20220816T094425_C001 Alltenter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_JOPN_2_20220816T094123_20220816T094425_C001 OCOG Alltenter Range, SSHA, SWH and Backscatter Quality Flags have been CS_OFFL_SIR_JOPN_2_20220816T105041_20220816T105220_C001 OCOG Alltenter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPN_2_20220816T11451_20220816T111756_C001 OCOG Alltenter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPN_2_20220816T1112025_20220816T1112539_C001 Ocean Alttenter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPN_2_20220816T112025_20220816T112539_C001 Decan Alttenter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPN_2_20220816T112025_20220816T121520_C001 Decan Alttenter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPN_2_20220816T121520_C001 Decan Alttenter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPN_2_20220816T125504_20220816T125738_C001 Decan Alttenter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPN_2_20220816T125738_C001	CS_OFFL_SIR_IOPN_2_20220816T085752_20220816T085915_C001		
GS_OFFL_SIR_IOPN_2_20220816T094123_20220816T094425_0001 and Backscatter Quality PLRM, OCOG Allmeter Range and Backscatter Quality PLRM Inter Code Allmeter Range, SSHA, SWH and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T105041_20220816T105220_0001 OCOG Allmeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T111451_20220816T111756_0001 OCOG Allmeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Allmeter Range and Backscatter Quality PLRM, OCOG Allmeter Range and Backscatter Quality PLRM, OCOG Allmeter Range and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T111252_20220816T1112539_0001 Ocean Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been pLRM CS_OFFL_SIR_IOPN_2_20220816T121252_0020816T121520_0001 Ocean Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been pLRM CS_OFFL_SIR_IOPN_2_20220816T121520_0001 Ocean Allmeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Allmeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T125504_20220816T130129_0001 Ocean Allmeter Range, Quality PLRM, OCOG Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Allmeter Range, SSHA, SWH and Backscatter Quality Flags Allmeter Range	CS_OFFL_SIR_IOPN_2_20220816T093444_20220816T093610_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_IOPN_2_20220816T111451_20220816T11355_20001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_20220816T111451_20220816T111756_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_IOPN_2_20220816T112025_20220816T112539_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality PLRM, OCCG Altimeter Range 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 Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T12172_720220816T121520_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T12504_20220816T125738_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality PLRM, OCCG Altimeter	CS_OFFL_SIR_IOPN_2_20220816T094123_20220816T094425_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_IOPN_2_20220816T111451_20220816T111756_C001 and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T112025_20220816T112539_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T112025_20220816T112539_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T126934_20220816T130603_C001 OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality Flags </td <td>CS_OFFL_SIR_IOPN_2_20220816T105041_20220816T105220_C001</td> <td></td> <td></td>	CS_OFFL_SIR_IOPN_2_20220816T105041_20220816T105220_C001		
CS_OFFL_SIR_IOPN_2_20220816T112025_20220816T112539_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been pLRM Inte 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_IOPN_2_20220816T121127_20220816T121520_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 The 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_IOPN_2_20220816T125504_20220816T130129_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T130438_20220816T130603_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T133426_20220816T133717_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_IOPN_2_20220816T111451_20220816T111756_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_IOPN_2_20220816T121127_20220816T121520_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG PLRM and Backscatter Quality PLRM, OCOG PLRM and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T125504_20220816T125738_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T125934_20220816T130129_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Ba	CS_OFFL_SIR_IOPN_2_20220816T112025_20220816T112539_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_IOPN_2_20220816T125504_20220816T125738_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG and the OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T125934_20220816T130129_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T130438_20220816T130603_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T133426_20220816T133717_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_20220816T133426_20220816T133717_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_IOPN_2_20220816T121127_20220816T121520_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_IOPN_2_20220816T123934_20220816T130603_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_20220816T130438_20220816T130603_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_IOPN_2_20220816T133426_20220816T133717_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_IOPN_2_20220816T135352_20220816T135617_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_IOPN_2_20220816T125504_20220816T125738_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_IOPN_2_20220816T130436_20220816T130435_2001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_20220816T133426_20220816T133717_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_IOPN_2_20220816T135335_20220816T135617_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_IOPN_2_20220816T125934_20220816T130129_C001		
CS_OFFL_SIR_IOFN_2_20220810T135335_20220810T135317_C001 OCOG Backscatter Quality more records OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_IOPN_2_20220816T130438_20220816T130603_C001		
	CS_OFFL_SIR_IOPN_2_20220816T133426_20220816T133717_C001		
	CS_OFFL_SIR_IOPN_2_20220816T135335_20220816T135617_C001		

CS_OFFL_SIR_IOPN_2_20220816T144340_20220816T144522_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_IOPN_2_20220816T153124_20220816T153158_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_IOPN_2_20220816T153247_20220816T153515_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_IOPN_2_20220816T153733_20220816T153856_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_IOPN_2_20220816T165015_20220816T165244_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_IOPN_2_20220816T170440_20220816T170501_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_IOPN_2_20220816T172057_20220816T172205_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_IOPN_2_20220816T180043_20220816T180325_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_IOPN_2_20220816T193147_20220816T193537_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_IOPN_2_20220816T201727_20220816T201850_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_IOPN_2_20220816T203051_20220816T203205_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_IOPN_2_20220816T203247_20220816T203416_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_IOPN_2_20220816T211956_20220816T212114_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_IOPN_2_20220816T214104_20220816T214257_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_IOPN_2_20220816T224846_20220816T225300_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_IOPN_2_20220816T233813_20220816T234045_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_IOPN_2_20220816T234114_20220816T234237_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_IOPR_2_20220816T003303_20220816T004006_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_IOPR_2_20220816T011626_20220816T011718_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_IOPR_2_20220816T012824_20220816T013419_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_IOPR_2_20220816T014751_20220816T014901_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_IOPR_2_20220816T014904_20220816T015005_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_IOPR_2_20220816T015017_20220816T015140_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_IOPR_2_20220816T021218_20220816T021916_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_IOPR_2_20220816T025515_20220816T025633_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_IOPR_2_20220816T030322_20220816T030329_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records

0.1 0000 Altern Reg. Dur (PM) In 0000 Reg. et al. back and the alter Reg. Text (PM) 0.1 0.1 0000 Altern Reg. Set. Set. Set. Set. Set. Set. Set. Set	CS_OFFL_SIR_IOPR_2_20220816T043331_20220816T043539_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
GL_ORT_JER_OPE_22000161100001_00001_00000 mtd backsomer Outly Fluid House Proceedings and Backsomer Outly Fl	CS_OFFL_SIR_IOPR_2_20220816T052914_20220816T053838_C001		
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Corp. Child Corp. Control International Contrector Contrector Control International Contrel International Con	CS_OFFL_SIR_IOPR_2_20220816T080545_20220816T081020_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
cite_DEFL_SR_UORP_2_R0201810704403_0020181070400_0000 mid backsteller Dauby PLAN_DOG mid backsteller Dauby PLAN_DOG cite_DEFL_SR_UORP_2_R02018107046015_002001810706002_C001 COCC Annuer Resp. Dauby PLAN The COCC Range and Backsteller Dauby PLans have been set for one or mide coccel cite_DEFL_SR_UORP_2_R020181070405115_002001810706002_C001 COCC Annuer Resp. Dauby PLAN The COCC Range and Backsteller Dauby PLans have been set for one or mide coccel cite_DEFL_SR_UORP_2_R0201810704000_C02001810706002_C001 COCC Annuer Resp. Dauby PLAN The COCC Range and Backsteller Dauby PLans have been set for one or mide coccel cite_DEFL_SR_UORP_2_R02028161703000_C02001810706044_C001 COCC Annuer Resp. DSNA, With and Subcodir Dauby PLAN The COCC Range and Backsteller Dauby PLAN cite_DEFL_SR_UORP_2_R02028161703000_C0200181706444_C001 COCC Annuer Resp. DSNA, With and Subcodir Dauby PLAN The COCC Range and Backsteller Dauby PLAN cite_DEFL_SR_UORP_2_R02028161703000_C0200181706445_C001 COCC Annuer Resp. DSNA, With and Subcodir Dauby PLAN The COCCA Range Resp. DSNA, SWH and Subcodir Dauby PLAN cite_DEFL_SR_UORP_2_R020281617103100_C0200181706445_C001 COCCA Annuer Resp. DSNA, SWH and Subcodir Dauby PLAN cite_DEFL_SR_UORP_2_R02028161710326_C020161610316_C001 COCCA Annuer Resp. DSNA, SWH and Subcodir Dauby PLAN cite_DEFL_SR_UORP_2_R02028161710326_C020161610316_C001 COCCA Annuer Resp. SSNA, SWH and Subcodir Dauby PLAN cite_DEFL_SR_UORP_2_R02028161710346_C001 COCCA Annuer Resp. SSNA, SWH and Subcodir Dauby PLAN	CS_OFFL_SIR_IOPR_2_20220816T084241_20220816T084332_C001		
OCCER_SER_OPE_SER_OPE_20220816110080_D022001 DCCER_Backscatter Quity Pace mosts CB_OPE_SER_OPE_20220816110000_D02200116100444_D001 DCCER_Backscatter Quity Pace mosts CB_OPE_SER_OPE_202208161100000_D02200116100444_D001 DCCER_Backscatter Quity Pace mosts CB_OPE_SER_OPE_202208161100000_D02200116100444_D001 DCCER_Backscatter Quity Pace Mainteer Range and Backscatter Quity CB_OPE_SER_OPE_202208161100400_D022001161100444_D001 DCCER_Backscatter Quity Pace Mainteer Range and Backscatter Quity CB_OPE_SER_OPE_202208161100400_D022001161100444_D001 DCCER_BACKSCATUR Pace DCER_BACKSCATUR Pace DCER_BACKSCATUR CB_OPE_SER_OPE_202208161100310_D02200116110010 DCCCER_BACKSCATUR Pace DCER_BACKSCATUR Pace DCER_BACKSCATUR CB_OPE_SER_OPE_20220816110028_D02208161100200_D02208161100200_D0101 DCCCER_BACKSCATUR Pace DCER_BACKSCATUR Pace DCER_BACKSCATUR CB_OPE_SER_OPE_20220816110028_D02208161100200_D0101 DCCCER_BACKSCATUR Pace DCER_BACKSCATUR Pace DCER_BACKS	CS_OFFL_SIR_IOPR_2_20220816T084533_20220816T085215_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Control Shift, Shift, DPR, 2, 202208161103030, 202208161103044, C001 COOD Radicating Guildy more recents CS, OFR, SIR, IOPR, 2, 202208161103030, 202208161103044, C001 Chean Attinueter Range, SSHA, SWH PLRM The Ocean Attinueter Range, SSHA, SWH et al. for eer rink recents The Ocean Attinueter Range, SSHA, SWH et al. for eer rink recents CS, OFR, SIR, IOPR, 2, 202208161103432, 202208161103444, C001 Chean Attinueter Range, SSHA, SWH et al. Seasoatter Quality FLBA, NOT et al. for eer rink recents The OCOG Attinueter Range and Backcastler Quality FLBA, and the OCOG Attinueter Range and Backcastler Quality FLBA, et al. for eer rink recents CS, OFR, SIR, IOPR, 2, 202208161103456, 202208161103406, C001 COCO Attinueter Range Quality PLRM, rink response The OCOG Range and Backcastler Quality FLBA, more records CS, OFR, SIR, IOPR, 2, 202208161104405, 202208161104408, C001 COCO Attinueter Range Quality PLRM, rink records The OCOG Range and Backcastler Quality FLBA, rink records CS, OFR, SIR, IOPR, 2, 202208161110405, 202208161111462, 2001 COCO Attinuete Range Quality PLRM, rink records The OCOG Range and Backcastler Quality FLBA, rink records CS, OFR, SIR, IOPR, 2, 202208161110405, 202208161111622, 202208161111622, 202208161111622, 202208161111622, 202208161111642, 2001 COCO Attinueter Range, SSHA, SWH, rink records The OCOG Range and Backcastler Quality FLBA, rink records CS, OFR, SIR, IOPR, 2, 202208161112052, 200208161111622, 202208161111622, 202208161111622, 202208161111622, 202208161111622, 2022081	CS_OFFL_SIR_IOPR_2_20220816T085915_20220816T090032_C001		
CB_OFR_SR_LOPR_2_20220816709428_2020816709428_2001 and Backscatter Duality PLRM_COOD The Ocean Alimater Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CB_OFR_SR_LOPR_2_202208167109428_20228167109428_2001 COOD Alimeter Range Quality PLRM_COOD The Ocean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CB_OFR_SR_LOPR_2_202208167109428_20228167109428_2001 COOD Alimeter Range Quality PLRM_COOD The Ocean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CB_OFR_SR_LOPR_2_202208167109428_2022816710458_2022816710458_20028016710458_20022816710458_20028016710458_20022816710458_20028167111461_2001 The OCOOR Range and Backscatter Quality Flags have been set for one or more records CS_OFR_SR_LOPR_2_20228167110628_20228167110629_20022816712959_2002816711459_2002816712959_2002881671	CS_OFFL_SIR_IOPR_2_20220816T091918_20220816T092158_C001		
GS_OFFL_SIR_JOPR_2_20220616T104465_022001 and Backscatter Quality The OCOM Camper and Backscatter Quality The OCOM Camper and Backscatter Quality CS_OFFL_SIR_JOPR_2_20220616T102365_02220616T10316_0001 CCOC A Minister Range Audity FLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPR_2_20220616T104365_02200616T104308_C001 CCOC A Minister Range Quality FLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPR_2_20220616T104308_C001 CCOC A Minister Range Quality PLRM, CCOCG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPR_2_20220616T104355_0220016T10455_0C01 CCOCG Atimiter Range Quality PLRM, CCOCG Backscatter Quality FLRM, CCOCG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPR_2_20220616T110455_0220016T110452_1_C001 CCOCG Backscatter Quality PLRM, CCOCG Backscatter Quality FLRM, Minister Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPR_2_20220616T1120405_20220816T1120521_C001 CCOCG Atimiter Range SIM, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPR_2_20220816T120405_20220816T120521_C001 CCOCG Atimiter Range SIM, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPR_2_20220816T120405_20220816T120521_C001 CCocen Atimiter Range SIM, SWH and Backscatter Quality Flags have bee	CS_OFFL_SIR_IOPR_2_20220816T093030_20220816T093444_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Col_OPPL_SIR_LOPPL_2_20220816110339_202208161103116_U001 OCOG Backscatter Quality nore records CS_OFFL_SIR_LOPPL_2_202208161103608_202208161104308_C001 OCOG Alimeter Range Quality PLRM, OCOG Alimeter Range Quality PLRM, OCOG Alimeter Range Quality PLRM, OCOG Alimeter Range SINA, SWH and Backscatter Quality FLRM, DCOG Alimeter Range, SSNA, SWH and Backscatter Quality FLRM, OCOG Alimeter Range, SSNA, SWH and Backscatter Quality PLRM, OCOG Alimeter Range and Backscatter Quality FLRM, DCOG Alimeter Range and Backscatter Quality FLRM, DCOG Alimeter Range and Backscatter Quality FLRM, DCOG Alimeter Range and Backscatter Quality FLRM, DCOG Alimeter Range and Backscatter Quality FLRM,	CS_OFFL_SIR_IOPR_2_20220816T094425_20220816T094828_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OC_PPT_SIR_UOPR_2_20220816110459_202208161104594_C001 OCOG Backscater Quality Inver records CS_OFFL_SIR_UOPR_2_202208161104455_202208161104594_C001 OCOG Backscater Quality The OCOG Range and Backscater Quality Flags have been set for one or more records CS_OFFL_SIR_UOPR_2_20220816111028_20220816111028_20220816111028_20220816111028_20220816111028_20220816111028_202208161120821_C001 Ocean Altimeter Range Quality PLRM, SWH The OCOG Range and Backscater Quality Flags have been set for one or more records CS_OFFL_SIR_UOPR_2_202208161120405_202208161120821_C001 OCGG Altimeter Range Quality PLRM, The OCOG Range and Backscater Quality Flags have been set for one or more records The OCOG Range and Backscater Quality Flags have been set for one or more records CS_OFFL_SIR_UOPR_2_202208161120402_202208161120821_C001 Ocean Altimeter Range, SSHA, SWH and Backscater Quality Flags have been set for one or more records The OCOG Range and Backscater Quality Flags have been set for one or more records CS_OFFL_SIR_UOPR_2_202208161120539_202208161120541_C001 Ocean Altimeter Range, SSHA, SWH The OCOG Altimeter Range, SSHA, SWH and Backscater Quality Flags have been set for one or more records CS_OFFL_SIR_UOPR_2_20220816113434_202208161134847_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_UOPR_2_202208161141451_C001 OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_IOPR_2_20220816T102355_20220816T103116_C001		
Construction CCCC Backscater Quality more records CS_OFFL_SIR_IOPR_2_202206161111028_202206161111451_C001 CCCG Backscater Quality The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality The Ocean Attimeter Range, and Backscatter Quality The Ocean Attimeter Range, SSHA, SWH more records CS_OFFL_SIR_IOPR_2_202206161120521_C001 OCCG Attimeter Range, GUALITY PLRM, OCCG Backscatter Quality The OCOG Attimeter Range, SSHA, SWH and Backscatter Quality The OCOG Attimeter Range, SSHA, SW	CS_OFFL_SIR_IOPR_2_20220816T103608_20220816T104308_C001		
CS_OFFL_SIR_IOPR_2_20220816T111028_20220816T111451_C001 and Backscatter Quality PLEM. OCU Into OcuSA Intentier Range and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T120405_20220816T120521_C001 OCCGA Altimeter Range, Quality PLEM. OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T120539_20220816T120521_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T120539_20220816T120504_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T124809_20220816T125504_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T134334_20220816T134847_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T134334_20220816T134847_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T134847_C001 OCCGA Altimeter Range Quality PLRM, OCCG Altimeter Range and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T134847_C001 OCCGA Altimeter Range Quality PLRM, OCCG Altimeter Range and Backscatter Quality Plags have been set for one or more records	CS_OFFL_SIR_IOPR_2_20220816T104455_20220816T104524_C001		
CS_OFFL_SIR_IOPR_2_20220816T120539_20220816T121012_0001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPR_2_20220816T120539_20220816T121012_0001 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_IOPR_2_20220816T134534_20220816T134647_C001 OCOG Altimeter Range Guality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T141240_20220816T141451_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T150450_20220816T150745_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T150450_20220816T150745_C001 OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T150460_20020816T1564607_C001 OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flag	CS_OFFL_SIR_IOPR_2_20220816T111028_20220816T111451_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_IOPR_2_20220816T120539_20220816T121012_C001 and Backscatter Quality PLRM, COCO Altimeter Range and Backscatter Quality PLRM, COCO Altimeter Range and Backscatter Quality PLRM, COCO Altimeter Range, SSHA, SWH Decan Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COCO Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T124809_20220816T134847_C001 Decan Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, COCO Altimeter Range and Backscatter Quality PLRM, COCO Altimeter Range Quality PLRM, COCO Altimeter Range Quality PLRM, COCO Altimeter Range Quality PLRM, COCO Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T150450_20220816T150745_C001 OCCOG Altimeter Range Quality PLRM, COCO Backscatter Quality PLRM, COCO Backscatter Quality PLRM, COCO Backscatter Quality PLRM, COCO Altimeter Range Quality PLRM, COCO Altimeter Range Quality PLRM, COCO Altimeter Range Quality PLRM, COCO Altimeter Range Quality PLRM, COCO Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T154446_20220816T154607_C001 OCCOG Altimeter Range Quality PLRM, COCO Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or mo	CS_OFFL_SIR_IOPR_2_20220816T120405_20220816T120521_C001		
CS_OFFL_SIR_IOPR_2_20220816T124809_20220816T125504_C001 and Backscatter Quality PLRM, OCOG The Ocean Atlimeter Range, SSHA, SWH and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T134334_20220816T134847_C001 Ocean Atlimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Atlimeter Range and Backscatter Quality PLRM, OCOG Atlimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Atlimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T141240_20220816T141451_C001 OCOG Atlimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T150450_20220816T150745_C001 OCOG Atlimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T150450_20220816T150916_C001 OCOG Atlimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T154446_20220816T154607_C001 OCOG Atlimeter Range Quality PLRM, OCOG Atlimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Ra	CS_OFFL_SIR_IOPR_2_20220816T120539_20220816T121012_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_IOPR_2_20220816T134334_20220816T134847_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The OCOG Altimeter Range Additional Backscatter Quality Figs have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T141240_20220816T141451_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T150450_20220816T150745_C001 OCOG Altimeter Range Quality PLRM, 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_IOPR_2_20220816T150802_20220816T150916_C001 OCOG Altimeter Range Quality PLRM, 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_IOPR_2_20220816T1504607_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_IOPR_2_20220816T162427_20220816T162607_C001 OCOG Altimeter Range Quality PLRM, Altimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T162427_20220816T162607_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records <td>CS_OFFL_SIR_IOPR_2_20220816T124809_20220816T125504_C001</td> <td>and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality</td> <td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td>	CS_OFFL_SIR_IOPR_2_20220816T124809_20220816T125504_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_IOPR_2_20220816T14240_20220816T14240_20220816T14301_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPR_2_20220816T150450_20220816T150745_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T150802_20220816T150916_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T154446_20220816T154607_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or More records CS_OFFL_SIR_IOPR_2_20220816T162427_20220816T162607_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or More records CS_OFFL_SIR_IOPR_2_20220816T162427_20220816T162607_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or More records CS_OFFL_SIR_IOPR_2_20220816T162427_20220816T162607_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T162427_20220816T162607_C001 Ocean Altimeter Range Quality PLRM, OCE Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_20220816T162427_20220816T162607_C001 Ocean Altimeter Range Quality PLRM, OCE Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_IOPR_2_20220816T134334_20220816T134847_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_IOPR_2_202208161150430_202208161150435_20011 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPR_2_202208161150802_202208161150916_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_IOPR_2_202208161154446_202208161154607_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_IOPR_2_202208161162427_202208161162607_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 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 and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPR_2_202208161165437_202208161165637_C001 OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_IOPR_2_20220816T141240_20220816T141451_C001		
CS_OFFL_SIR_IOPR_2_202208161150602_202208161150916_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPR_2_202208161154446_202208161154607_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_IOPR_2_202208161162427_202208161162607_C001 Ocean 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 have been CS_OFFL_SIR_IOPR_2_202208161162427_202208161162607_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been CS_OFFL_SIR_IOPR_2_202208161165437_202208161165601 OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_IOPR_2_20220816T150450_20220816T150745_C001		
CS_OFFL_SIR_IOPR_2_202208161154448_202208161154607_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPR_2_202208161162427_202208161162607_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_IOPR_2_202208161162427_202208161162607_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter 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_IOPR_2_202208161165437_202208161165611_C001 OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_IOPR_2_20220816T150802_20220816T150916_C001		
CS_OFFL_SIR_IOPR_2_20220816T162427_20220816T162607_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been PLRM OCOG Attimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_IOPR_2_20220816T154446_20220816T154607_C001		
	CS_OFFL_SIR_IOPR_2_20220816T162427_20220816T162607_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_IOPR_2_20220816T165437_20220816T165511_C001		

CS_OFFL_SIR_IOPR_2_20220816T174943_20220816T175202_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_IOPR_2_20220816T180325_20220816T180535_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_IOPR_2_20220816T192731_20220816T193147_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_IOPR_2_20220816T200822_20220816T201102_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_IOPR_2_20220816T202303_20220816T203051_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_IOPR_2_20220816T203205_20220816T203247_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_IOPR_2_20220816T210727_20220816T211128_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_IOPR_2_20220816T212114_20220816T212535_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_IOPR_2_20220816T215322_20220816T215340_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_IOPR_2_20220816T220256_20220816T221128_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_IOPR_2_20220816T224631_20220816T224846_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_IOPR_2_20220816T230016_20220816T230401_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_IOPR_2_20220816T234513_20220816T235018_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.					
> 1 Hz and 1 Hz Ocean SSHA Quality Flags: These flags are currently set for products over sea ice, which is to be expected. The number of products with this error flag set is given below.					
Number of products with errors: 187					
5.8 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.

58

145

0

> Ocean Retracking Quality Flag: This flag is currently set for products over land and sea ice, but this is to be expected. The number of products with this error flag set is given below.

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 IOPR and IOPN products over sea ice, but this is to be expected. The number of products with this error flag set is given below.

Number of products with errors:

6. IOP L2 Pole-to-Pole Data Quality Check

6.1 P2P Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a NetCDF product file (.nc). Number of products with errors: 0

6.2 P2P 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: Not 0!

6.3 P2P 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.

6.4 P2P 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 check.

> 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. The affected products are not reported in the table below.

> Sea State Bias & Sea State Bias PLRM: The error value is currently set for products over sea ice, but this is to be expected.

> 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.

Product	Test Failed	Description
CS_OFFL_SIR_IOP_2_20220815T234508_20220816T003444_C002	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)
CS_OFFL_SIR_IOP_220220816T003444_20220816T012423_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)
CS_OFFL_SIR_IOP_220220816T012423_20220816T021359_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 tidal corrections for one or more records
CS_OFFL_SIR_IOP_220220816T021359_20220816T030337_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)
CS_OFFL_SIR_IOP_220220816T030337_20220816T035313_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 tidal corrections for one or more records
CS_OFFL_SIR_IOP_220220816T035313_20220816T044252_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)
CS_OFFL_SIR_IOP_2_20220816T044252_20220816T053228_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)
CS_OFFL_SIR_IOP_2_20220816T053228_20220816T062207_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)
CS_OFFL_SIR_IOP_2_20220816T062207_20220816T071143_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 (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOP_2_20220816T071143_20220816T080122_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)
CS_OFFL_SIR_IOP_2_20220816T080122_20220816T085058_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)
CS_OFFL_SIR_IOP_2_20220816T085058_20220816T094036_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)
CS_OFFL_SIR_IOP_2_20220816T094036_20220816T103012_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)
CS_OFFL_SIR_IOP_2_20220816T103012_20220816T111951_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)
CS_OFFL_SIR_IOP_2_20220816T111951_20220816T120927_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)
CS_OFFL_SIR_IOP_2_20220816T120927_20220816T125906_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 (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOP_220220816T125906_20220816T134842_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)
CS_OFFL_SIR_IOP_2_20220816T134842_20220816T143820_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 (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOP_2_20220816T143820_20220816T152756_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)
CS_OFFL_SIR_IOP_2_20220816T152756_20220816T161735_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)
CS_OFFL_SIR_IOP_2_20220816T161735_20220816T170711_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)
CS_OFFL_SIR_IOP_2_20220816T170711_20220816T175650_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)
CS_OFFL_SIR_IOP_220220816T175650_20220816T184626_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)
CS_OFFL_SIR_IOP_2_20220816T184626_20220816T193605_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)
CS_OFFL_SIR_IOP_220220816T193605_20220816T202541_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)
CS_OFFL_SIR_IOP_2_20220816T202541_20220816T211519_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)

CS_OFFL_SIR_IOP_220220816T211519_20220816T220455_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)
CS_OFFL_SIR_IOP_220220816T220455_20220816T225434_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)
CS_OFFL_SIR_IOP_220220816T225434_20220816T234410_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 tidal corrections for one or more records
CS_OFFL_SIR_IOP_2_20220816T234410_20220817T003349_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)

6.5 P2P Measurement Confidence Data Check

CryoSat P2P data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

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Number of products with errors: 4		
Product	Test Failed	Description
CS_OFFL_SIR_IOP_220220816T012423_20220816T021359_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOP_220220816T044252_20220816T053228_C001		There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOP_220220816T125906_20220816T134842_C001		There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOP_220220816T143820_20220816T152756_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

6.6 P2P Measurement Quality Flag Check

P2P Quality Flags (20 Hz)

CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Hz measurement record, copied from the corresponding L2 products.

Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected. The number of P2P products affected is given below.

Number of products with errors:

P2P Quality Flags (20 Hz PLRM)

Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected. The number of P2P products affected is given below.

Number of products with errors:

P2P Quality Flags (1 Hz & 1 Hz PLRM)

Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the number of L2 products affected. The number of P2P products affected is given below.

Number of products with errors:

6.8 P2P Ocean Retracking Quality Check

P2P Retracking Flags (20 Hz)

Cryosat P2P data includes an ocean retracking quality flag (field 19) for each 20 Hz 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 IOPR and IOPN products over sea ice, but this is to be expected.

Number of products with errors:

P2P Retracking Flags 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 IOPR and IOPN products over sea ice, but this is to be expected.

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Number of products with errors:

7. IOP 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_IOPM1B	156	156	3	153	0
SIR_IOPR1B	108	107	5	102	0
SIR_IOPN1B	107	108	0	108	0
SIR_IOPM_2	156	156	99	57	0
SIR_IOPR_2	108	107	43	64	0
SIR_IOPN_2	107	108	33	75	0
SIR_IOP_P2P	29	29	0	29	0

7.1 QCC Errors

Number of QCC reports with errors:

7.2 QCC Warnings

Number of QCC reports with warnings

			Total num	ber of occurrences of ea	ch warning		
Due due t True e	BCSHNCDF	MVIOEPFDNCDF				RBSZOPOEPFDPLRMNCD	PP070P0FPN0PF
Product Type	BCSHNCDF	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD	RBSZOPOEPNCDF
SIR_IOPM1B	153	0	0	0	0	0	0
SIR_IOPM_2	0	45	43	1	44	0	37
SIR_IOPN1B	99	0	0	0	0	0	0
SIR_IOPN_2	0	10	31	5	21	30	20
SIR_IOPR1B	104	0	0	0	0	0	0
SIR_IOPR_2	0	35	44	0	34	31	18

Product Type	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCD	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF	RPEPOPLRMNCDF	RPEPOPSARNCDF
SIR_IOPM1B	0	0	0	0	0	0	0
SIR_IOPM_2	38	0	0	0	0	31	0
SIR_IOPN1B	0	0	0	0	0	0	0
SIR_IOPN_2	0	0	26	0	35	0	0
SIR_IOPR1B	0	0	0	0	0	0	0
SIR_IOPR_2	0	48	0	53	0	0	45
Product Type	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCD
SIR_IOPM1B	0	0	0	0	0	0	0
SIR_IOPM_2	0	8	22	0	5	34	0
SIR_IOPN1B	0	0	0	0	0	0	0
SIR_IOPN_2	30	23	54	54	37	31	34
SIR_IOPR1B	0	0	0	0	0	0	0
SIR_IOPR_2	0	2	65	43	11	37	50
Product Type	RSWHOEPNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF	-	-	-
SIR_IOPM1B	0	0	0	0			
SIR_IOPM_2	3	0	0	0			
SIR_IOPN1B	0	0	49	2			
SIR_IOPN_2	16	2	0	0			
SIR_IOPR1B	0	0	108	3			
SIR_IOPR_2	2	1	0	0			
Product Type	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD	RBSZOPOEPNCDF
SIR_IOP_2_	16	29	29	6	29	19	29
Product Type	RPEPOPFDPLRMSINNCD	RPEPOPFDSINNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF
SIR_IOP_2_	17	29	23	23	29	19	28
Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHLPQWNCDF	-	-	-
SIR IOP 2	29	20	17	29			

Test 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
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
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