

QA4EO Daily Report for IOP data:

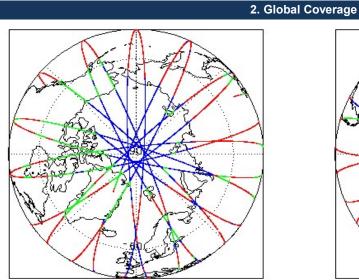
<u>03/10/2022</u>

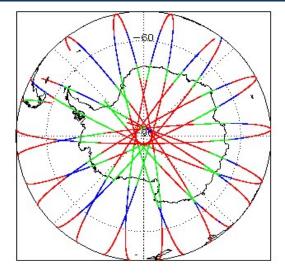
IDEAS-QAHEO

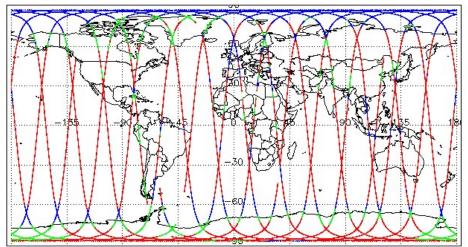
Report Production:	07-Oct-2022	Check	L1 & L2	P2P	
Report Froduction.	07-001-2022	Server check: science-pds.cryosat.esa.int	Nominal	Nominal	
Processor Used:	CriveSet Oscen Dresses	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal	
Processor Useu.	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal	
Data Used:	Intermediate Ocean Products (IOP)	Product Format Check	Nominal	Nominal	
Data Used:	L1B, L2 & P2P Science Data	Product Header Analysis	Nominal	Nominal	
		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

Mission / Instru	Vission / Instrument News		
02-Oct-2022	SIRAL unavailability from 18:01:48 to 21:31:29 due to an orbit manoeuvre		
03-Oct-2022	None		
04-Oct-2022	Nothing planned		











3. Instrument Configuration

SIRAL instrument(s) in use:

SIRAL - A

0

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:

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.

0

0

4

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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_20221003T025502_20221003T025853_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM1B_20221003T031602_20221003T032045_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM1B_20221003T082037_20221003T082127_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM1B_20221003T131414_20221003T132003_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:

	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20221003T005245_20221003T005946_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20221003T104542_20221003T105715_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20221003T105855_20221003T111000_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20221003T132248_20221003T132522_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20221003T232534_20221003T233957_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20221003T025854_20221003T030433_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20221003T040043_20221003T040205_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20221003T043708_20221003T044128_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20221003T044912_20221003T044947_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20221003T085541_20221003T090053_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20221003T094645_20221003T095034_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20221003T120343_20221003T120353_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20221003T120519_20221003T121127_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20221003T130501_20221003T130715_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20221003T153559_20221003T153838_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20221003T211631_20221003T211754_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20221003T225031_20221003T225446_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20221003T225558_20221003T225703_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20221003T235448_20221003T235614_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20221003T030433_20221003T031402_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20221003T040205_20221003T040437_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20221003T075935_20221003T080632_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20221003T081155_20221003T081824_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20221003T094054_20221003T094528_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20221003T111900_20221003T112403_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20221003T144017_20221003T144424_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20221003T175821_20221003T180609_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: 0

5.2 L2 Product Header Analysis

For all products, a series of pre-defined checks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. Number of products with errors: 0

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

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).

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.

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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_IOPN_2_20221003T012101_20221003T012609_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_20221003T022058_20221003T022313_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_20221003T025854_20221003T030433_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_20221003T043708_20221003T044128_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_20221003T053028_20221003T053152_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_20221003T061858_20221003T062052_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_20221003T071000_20221003T071125_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_20221003T071639_20221003T071941_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_20221003T085002_20221003T085307_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_20221003T085541_20221003T090053_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_20221003T094645_20221003T095034_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOPN_2_20221003T103020_20221003T103254_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_20221003T112531_20221003T112648_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_20221003T112858_20221003T113143_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOPN_2_20221003T120519_20221003T121127_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_20221003T130501_20221003T130715_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_20221003T134741_20221003T134922_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_20221003T144425_20221003T144909_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_20221003T153559_20221003T153838_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_20221003T170702_20221003T171052_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_IOPN_2_20221003T180804_20221003T180931_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_20221003T184644_20221003T184958_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_20221003T193745_20221003T193810_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_20221003T203418_20221003T203531_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_20221003T211631_20221003T211754_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_20221003T225031_20221003T225446_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOPN_2_20221003T225558_20221003T225703_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_20221003T234955_20221003T235226_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_20221003T012610_20221003T013133_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_20221003T030433_20221003T031402_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_20221003T044129_20221003T044911_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_20221003T062053_20221003T062732_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_20221003T062732_20221003T062936_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_20221003T075935_20221003T080632_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_20221003T080632_20221003T080827_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_20221003T094055_20221003T094528_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_20221003T094528_20221003T094645_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_20221003T105715_20221003T105834_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_20221003T111900_20221003T112403_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_20221003T112403_20221003T112531_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_20221003T130040_20221003T130501_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_20221003T143610_20221003T143626_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_20221003T143626_20221003T143959_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_20221003T144017_20221003T144424_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_20221003T161831_20221003T162503_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_20221003T174715_20221003T174820_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_20221003T175821_20221003T180609_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_20221003T193810_20221003T194649_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_20221003T211754_20221003T211940_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_20221003T211940_20221003T212525_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_20221003T225703_20221003T230226_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_20221003T235227_20221003T235448_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
E.E.I.2 Maggurgment Confidence Data Chack		

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.

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20221003T025502_20221003T025853_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_20221003T031602_20221003T032045_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_20221003T082037_20221003T082127_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_20221003T131413_20221003T132003_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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Number of	products	with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20221003T000448_20221003T001510_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_20221003T001649_20221003T003023_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_20221003T003336_20221003T003838_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_20221003T003845_20221003T003856_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_20221003T003902_20221003T003912_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_20221003T003915_20221003T004016_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_20221003T005245_20221003T005946_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_20221003T010410_20221003T010859_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_20221003T011142_20221003T011730_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_20221003T011853_20221003T012101_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_20221003T014803_20221003T020849_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_20221003T021408_20221003T021755_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_20221003T022522_20221003T025253_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_20221003T032449_20221003T034820_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_20221003T035151_20221003T035710_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_20221003T035717_20221003T040043_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_20221003T040438_20221003T043708_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_20221003T045029_20221003T045154_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_20221003T050115_20221003T051426_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_20221003T051428_20221003T052000_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_20221003T052343_20221003T052739_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_20221003T053152_20221003T053948_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_20221003T054528_20221003T061704_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_20221003T062937_20221003T063125_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_20221003T064851_20221003T065147_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_20221003T065749_20221003T070551_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_20221003T071125_20221003T071638_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_20221003T072354_20221003T074451_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_20221003T074737_20221003T075919_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_20221003T080827_20221003T081155_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_20221003T082142_20221003T082543_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_20221003T082740_20221003T083347_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_20221003T083534_20221003T084527_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_20221003T090305_20221003T093255_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_20221003T093321_20221003T093921_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_20221003T095049_20221003T102317_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_20221003T103649_20221003T103953_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_20221003T104219_20221003T104527_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_20221003T104542_20221003T105715_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_20221003T105855_20221003T111000_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_20221003T113143_20221003T114757_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_20221003T115356_20221003T115941_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_20221003T120421_20221003T120519_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_20221003T121426_20221003T121855_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_20221003T122201_20221003T123541_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_20221003T123721_20221003T124004_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_20221003T124431_20221003T124747_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_20221003T131034_20221003T131250_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

Number Construction Image details because Marge details because <	CS_OFFL_SIR_IOPM_2_20221003T131413_20221003T132003_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
CH 0.10 0.00 <		Range and Backscatter Quality	set for one or more records
Di, DH, LIN, OHM, Z. 2021/02/11/2593, J2221007115930, LO21 and Rescardin Cashy, COC Alternative and B. 2000 Charlons. Range and Rescardin Cashy Phys. New Lean Alternative Cash Phys. Rev. Rev. Rev. Rev. Rev. Rev. Rev. Rev	CS_OFFL_SIR_IOPM_2_20221003T132247_20221003T132522_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Description Description Rescalation Description CI	CS_OFFL_SIR_IOPM_2_20221003T132530_20221003T134535_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Diff_UFF_UFF_UFF_UFF_UFF_UFF_UFF_UFF_UFF_U	CS_OFFL_SIR_IOPM_2_20221003T134922_20221003T135803_C001		
CH, DFL, SR, DFML 2, 302100115744, 2021001155455, 2001 as bases the Quarky Code American Structure and Structure Target and Structu	CS_OFFL_SIR_IOPM_2_20221003T140149_20221003T142522_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Participant Control Reductor Control Reductor Control CS_0FTL_SH_OPA_2_D221001114108_0221001114008_02010 Cen: Affred: Shap, SSA, SWA The Gran-Affred: Shap, SSA, SWA CS_0FTL_SH_OPA_2_D221001114108_0221001110001 Cen: Affred: Shap, SSA, SWA The Gran-Affred: Shap, SSA, SWA CS_0FTL_SH_OPA_2_D221001114109_0221001110001 Cen: Affred: Shap, SSA, SWA The Gran-Affred: Shap, SSA, SWA CS_0FTL_SH_OPA_2_D221001114109_02210011110010_0011 Cen: Affred: Shap, SSA, SWA The Gran-Affred: Shap, SSA, SWA CS_0FTL_SH_OPA_2_D2210011110010_001110010_0011 COGR Affred: Shap, SSA, SWA The Gran-Affred: Shap, SSA, SWA CS_0FTL_SH_OPA_2_D221001111001_00110_0011 COGR Affred: Shap, SSA, SWA The Gran-Affred: Shap, SSA, SWA CS_0FTL_SH_OPA_2_D221001111001_001111002_0021001111000_0011 COGR Affred: Shap, SSA, SWA The COGR Affred: Shap, SSA, SWA CS_0FTL_SH_OPA_2_D221001111001_002100211170200_0011110010_00111001_0000 Cen: Affred: Shap, SSA, SWA The COGR Affred: Shap, SSA, SWA affred: Shap,	CS_OFFL_SIR_IOPM_2_20221003T145724_20221003T152453_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CE_OFE_SE_0FU_0PL_2.0221000T151410_20221000T151410_20221000T151510_0001 and Basicstanter Quality Steps CE_OFE_SE_0FU_0PL_2.0221000T151510_20221000T151511_0001 Cocan Attinuere Range, SIMA, SWH and Basicstanter Quality, Steps, and Basicstanter Quality, Steps, and Basicstanter Quality, Steps, and Basicstanter Quality, Steps, and and Basicstanter Quality, Steps,	CS_OFFL_SIR_IOPM_2_20221003T153138_20221003T153559_C001		
05 0.5% <	CS_OFFL_SIR_IOPM_2_20221003T154109_20221003T160655_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
05.0FH_SH_UPH_2_0221003111634_022210031116240_0001 and Baskasether Quality. CDDDA Allmenter and the CODDA Allmenter Gange and Backscatter Quality Flags have been set for ene or more records. 05.0FH_SH_UPH_2_02210031171002_02210031171639_0001 CODDA Allmenter Range Quality, CDDDA Baskscatter Quality, Flags have been set for ene or more records. 05_0FH_SH_UPH_2_02210031172012_02210031172012_02210031172022_0001 Code Allmenter Range, SSHA, SWH and Baskscatter Quality, Flags have been set for ene or more records. 05_0FH_SH_UPH_2_02210031172012_02210031172012_02210031172022_0001 Code Allmenter Range, SSHA, SWH and Baskscatter Quality, Flags have been set for ene or more records. 05_0FH_SH_UPH_2_02210031172012_02210031172012_02210031172012_02210031172012_02210031172012_02210031172012_02210031172012_02210031172012_020101 Code Allmenter Range, SSHA, SWH and Baskscatter Quality, CDDO Allmenter Range and Baskscatter Quality, Flags have been set for ene or more records. 05_0FH_SH_UPH_2_02210031172012_02210031170210_0001 Code Allmenter Range, SSHA, SWH and Baskscatter Quality, Flags have been set for ene or more records. 05_0FH_SH_UPH_2_02210031170416_020210031170416_0202100311704716_0001 Code Allmenter Range, SSHA, SWH and Baskscatter Quality, Flags have been set for ene or more records. 06_0FH_SH_UPH_2_02210031170540_020210031180582_0021031180582_00210031180582_0021031180582_00210031180582_00210031180582_00210031180582_00210031180582_00210031180582_00210031180582_00210031180582_00210031180582_00210031180582_00201 06_0FH_SH_UPH_2_020210031180582_00210031180582_0021 Codean Allmenter Ran	CS_OFFL_SIR_IOPM_2_20221003T161601_20221003T161831_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Displace Description Backscatter Quality for one or more records CS_OFR_SIR_JOPM_2_202210031172010_202210031172422_0001 Ocean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFR_SIR_JOPM_2_202210031172010_202210031172422_0001 Coean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFR_SIR_JOPM_2_202210031172616_202210031172618_0001 COEA Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFR_SIR_JOPM_2_202210031176764_202210031176768_022210031176784_022210031176784_022210031176783_0001 Coean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_202210031166954_022210031166954_022210031166952_02210031166952_02210031166952_02210031166952_02210031166952_02210031166953_0001 COCean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_202210031166954_022210031166951_0001 COCean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records <	CS_OFFL_SIR_IOPM_2_20221003T163245_20221003T170234_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_JOPM_2_30221003T172801_0221003T172802_0221003T172802_0201 and Backscatter Quality. COO Altimeter Range and Backscatter Quality. Flags have been set for one or more records. CS_OFFL_SIR_JOPM_2_30221003T172802_0221003T172805_0001 Cocen Altimeter Range SIMA, SWH and Backscatter Quality. Flags have been set for one or more records. CS_OFFL_SIR_JOPM_2_30221003T172802_0221003T172805_0001 Cocen Altimeter Range Quality. COOO Altimeter Range and Backscatter Quality. Flags have been set for one or more records. CS_OFFL_SIR_JOPM_2_30221003T176546_0221003T176738_0001 Cocen Altimeter Range Quality. COOO Altimeter Range. SIMA, SWH and Backscatter Quality. Flags have been set for one or more records. CS_OFFL_SIR_JOPM_2_30221003T176546_0221003T16738_0001 Cocen Altimeter Range. SIMA, SWH and Backscatter Quality. Flags have been set for one or more records. CS_OFFL_SIR_JOPM_2_20221003T16648_0221003T164220_0001 Cocen Altimeter Range. SIMA, SWH and Backscatter Quality. Flags have been set for one or more records. CS_OFFL_SIR_JOPM_2_20221003T16468_0221003T164521_0001 Cocen Altimeter Range. SIMA, SWH and Backscatter Quality. Flags have been set for one or more records. CS_OFFL_SIR_JOPM_2_20221003T16468_02221003T164521_0001 Cocen Altimeter Range. SIMA, SWH and Backscatter Quality. Flags have been set for one or more records. CS_OFFL_SIR_JOPM_2_20221003T16468_0.00221003T165511_0001 Cocen Altimeter Range. SIMA, SWH and Backscatter Quality. Flags have been set for one or more records. CS_OFFL_SIR_JOPM_2_20221003T169545_0021 Cocen Altimeter Range.	CS_OFFL_SIR_IOPM_2_20221003T171052_20221003T171639_C001		
CS_OFFL_SIR_JOPM_2_202210031172802_0221003117305_0001 and Backscatter Quality COG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_202210031174619_202210031174714_C001 OCCOA Altimeter Range Quality, OCCG Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_202210031175546_202210031175738_C001 OCCOA Altimeter Range SLAL SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_202210031175546_202210031175738_C001 Ocean Altimeter Range, SLAL SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_202210031164058_202210031184230_C001 Ocean Altimeter Range, SLAL SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_202210031164058_202210031184230_C001 OCCCA Altimeter Range Quality, OCCG The OCCGA Altimeter Range SLAL SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_202210031164058_202210031164511_C001 OCCCA Altimeter Range Quality, OCCG The OCCGA Altimeter Range SLAL SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_202210031164058_202210031164515_C001 OCCCA Altimeter Range SLAL SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_202210031164262_02210031164520_C001 Ocean Altimeter Range, SLAL SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_JOPM_2_202210031164262_02210031198355_C001<	CS_OFFL_SIR_IOPM_2_20221003T172010_20221003T172422_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_JOPM_2_20221003119546_202210031195736_C001 Backscatter Quality for one or more necods CS_OFFL_SIR_JOPM_2_202210031175546_202210031175736_C001 Coean Attinueter Range, SSHA, SWH and Backscatter Quality Coean Attinueter Range, SSHA, SWH and Backscatter Quality For one or more necods CS_OFFL_SIR_JOPM_2_202210031160332_202210031164230_C001 Coean Attinueter Range, SSHA, SWH and Backscatter Quality Coean Attinueter Range, SSHA, SWH and backscatter Quality For one or more necods CS_OFFL_SIR_JOPM_2_202210031164058_202210031164230_C001 COEG Attinueter Range Quality, COCG The OCCG Attinueter Range and Backscatter Quality Flags have been est for one or more necods CS_OFFL_SIR_JOPM_2_202210031164058_202210031191018_C001 CoEG Attinueter Range, SSHA, SWH and Backscatter Quality, COCG Attinueter Range and Backscatter Quality, COCG Attinueter Range and Backscatter Quality Flags have been est for one or more necods CS_OFFL_SIR_JOPM_2_202210031190054_202210031191018_C001 Coean Attinueter Range, SSHA, SWH and Backscatter Quality, COCG Attinueter Range and Backscatter Quality, Flags have been est for one or more necods CS_OFFL_SIR_JOPM_2_202210031193045_202210031193032_C001 Coean Attinueter Range, SSHA, SWH and Backscatter Quality, COCG Attinueter Range and Backscatter Quality, COCG Attinueter Range and Backscatter Quality COCG Attinueter Range and Backscatter Quality, COCG Attinueter Range and B	CS_OFFL_SIR_IOPM_2_20221003T172802_20221003T173505_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OFFL_SIR_IOPM_2_20221031175546_20221031175738_C001 and Backscatter Quality CCOG Allimeter Range and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_IOPM_2_20221003T180932_20221003T184230_C001 Ocsan Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_IOPM_2_20221003T180932_20221003T184250_C001 Occan Allimeter Range Quality, OCOG Allimeter Range and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_IOPM_2_20221003T184559_20221003T185511_C001 OCCGA Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_IOPM_2_20221003T190054_20221003T191618_C001 Ocean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_IOPM_2_20221003T193230_20221003T193335_C001 Ocean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_IOPM_2_20221003T193230_20221003T193335_C001 Ocean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_IOPM_2_20221003T193632_C001 Ocean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been at Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_IOPM_2_20221003T194549_20221003T196508_C011 Ocean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been at Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_IOPM_2_20221003T194549_20221003T196508_C001 Ocean Al	CS_OFFL_SIR_IOPM_2_20221003T174619_20221003T174714_C001		
CS_OFFL_SIR_IOPM_2_20221003T184230_2001 and Backscatter Quality and Backscatter Quality mage and Backscatter Quality	CS_OFFL_SIR_IOPM_2_20221003T175546_20221003T175738_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
DS_OFFL_SIR_IOPM_2_20221003T190054_20221003T191618_C001 Backscatter Quality for one or more records CS_OFFL_SIR_IOPM_2_20221003T190054_20221003T191618_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COG Altimeter Range, and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T193030_20221003T193335_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COG Altimeter Range, and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T193445_20221003T193632_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCCG Altimeter Range, and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T193445_20221003T195808_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T202167_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T202819_20221003T202959_C001 OCCG Altimeter Range Quality,	CS_OFFL_SIR_IOPM_2_20221003T180932_20221003T184230_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20221003T190054_20221003T191618_C001 and Backscatter Quality Fib Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, Cog Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, Cog Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, Cog Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, Cog Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, Flags have been Range and Backscatter Quality, Cog Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Range and Backscatter Quality, Flags have been Range and Backscatter Quality, Flags have been Range and Backscatter Quality, Flags have been Range and Backscatter Quality Flags have been Range and Backscatter Quality, Flags have be	CS_OFFL_SIR_IOPM_2_20221003T184958_20221003T185511_C001		
CS_OFFL_SIR_IOPM_2_20221003T193230_20221003T193335_C001 and Backscatter Quality, CCCG Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T193445_20221003T193632_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality CCCG Attimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality Flags and the CCCG Attimeter Range, and Backscatter Quality Flags and the CCCG Attimeter Range, and Backscatter Quality Flags and the CCCG Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the CCCG Attimeter Range, and Backscatter Quality Flags and the CCCG Attimeter Range, and Backscatter Quality Flags and the CCCG Attimeter Range, and Backscatter Quality Flags and the CCCG Attimeter Range, and Backscatter Quality Flags and the CCCG Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the CCCG Attimeter Range, and Backscatter Quality Flags and the CCCG Attimeter Range, and Backscatter Quality Flags and the CCCG Attimeter Range, and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T20053_20221003T202157_C001 Ocean Attimeter Range Quality, OCCG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T202819_20221003T202959_C001 OCCG Attimeter Range Quality, OCCG Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T203945_20221003T203417_C001 OCCG Attimeter Range Quality, OCCG Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T203945_20221003T203417_C001 OCCG Attimeter Range Quality, OCCG Attim	CS_OFFL_SIR_IOPM_2_20221003T190054_20221003T191618_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20221003T193445_20221003T193632_C001 and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T194649_20221003T195808_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T194649_20221003T195808_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T200053_20221003T202157_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T202819_20221003T202959_C001 OCCGA Altimeter Range Quality, OCCGA Itimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T202819_20221003T202959_C001 OCCGA Altimeter Range Quality, OCCGA Itimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T203006_20221003T203417_C001 OCCGA Altimeter Range Quality, OCCGA Itimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T203945_20221003T205829_C001 OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T203945_20221003T205829_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T205908_20221003T205829_C001 <t< td=""><td>CS_OFFL_SIR_IOPM_2_20221003T193230_20221003T193335_C001</td><td>and Backscatter Quality, OCOG Altimeter</td><td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td></t<>	CS_OFFL_SIR_IOPM_2_20221003T193230_20221003T193335_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20221003T194649_20221003T195808_C001 and Backscatter Quality, OCOG Altimeter Range and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T200053_20221003T202157_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T202819_20221003T202959_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T203006_20221003T203417_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T203945_20221003T205829_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T203945_20221003T205829_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T203945_20221003T205829_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality. CS_OFFL_SIR_IOPM_2_20221003T205908	CS_OFFL_SIR_IOPM_2_20221003T193445_20221003T193632_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20221003T200053_20221003T202157_C001 and Backscatter Quality, OCOG Altimeter Range and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T202819_20221003T202959_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T203006_20221003T203417_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T203006_20221003T203417_C001 OCOG Altimeter Range, Quality, OCOG Altimeter Range, SSHA, SWH CS_OFFL_SIR_IOPM_2_20221003T203945_20221003T205829_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T205908_20221003T205829_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T205908_20221003T205829_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T205908_20221003T20590	CS_OFFL_SIR_IOPM_2_20221003T194649_20221003T195808_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20221003T203006_20221003T203417_C001 Backscatter Quality for one or more records CS_OFFL_SIR_IOPM_2_20221003T203006_20221003T203417_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_20221003T203945_20221003T205829_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T205908_20221003T205829_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T205908_2002	CS_OFFL_SIR_IOPM_2_20221003T200053_20221003T202157_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPM_2_20221003T203945_20221003T205829_C001 Backscatter Quality for one or more records CS_OFFL_SIR_IOPM_2_20221003T203945_20221003T205829_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 have been set for one or more records CS_OFFL_SIR_IOPM_2_20221003T205908_20221003T205908_20221003T203945_20221003T203945_20221003T203945_20221003T205908_2008_2008_2008_2008_2008_2008_2008_2	CS_OFFL_SIR_IOPM_2_20221003T202819_20221003T202959_C001		
CS_OFFL_SIR_IOPM_2_20221003T203945_20221003T205829_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Range and Backscatter Quality, OCOG Altimeter Range, set for one or more records Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags and Backscatter	CS_OFFL_SIR_IOPM_2_20221003T203006_20221003T203417_C001		
CS_OFFL_SIR_IOPM_2_20221003T205908_20221003T210343_C001 and Backscatter Quality, OCOG Altimeter and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_IOPM_2_20221003T203945_20221003T205829_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_IOPM_2_20221003T205908_20221003T210343_C001	and Backscatter Quality, OCOG Altimeter	and the OCOG Altimeter Range and Backscatter Quality Flags have been

	Ocean Altimeter Range, SSHA, SWH	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags
CS_OFFL_SIR_IOPM_2_20221003T210503_20221003T211143_C001	and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	and the OCG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPM_2_20221003T211245_20221003T211320_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_20221003T212525_20221003T213335_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_20221003T213354_20221003T214540_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_20221003T214542_20221003T220110_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_20221003T220335_20221003T220859_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_20221003T222004_20221003T223231_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_20221003T223334_20221003T225030_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_20221003T231408_20221003T232331_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_20221003T232534_20221003T233957_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_20221003T234302_20221003T234758_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_20221003T234836_20221003T234955_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_20221003T235649_20221004T000738_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_20221003T063309_20221003T063432_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_20221003T121409_20221003T121426_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_20221003T130501_20221003T130715_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_20221003T132125_20221003T132247_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_20221003T173506_20221003T173701_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_20221003T175507_20221003T175546_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_20221003T234829_20221003T234835_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_20221003T075921_20221003T075934_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_20221003T105715_20221003T105834_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_20221003T193633_20221003T193744_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_20221003T213336_20221003T213354_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_20221003T235227_20221003T235448_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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Color Control Color Bestication Control Color Bestication Control Permitted State Col_OPEL_BE_ORU_2_0029103T01910_0021001 Color Advances Design The OCOS Bestication Control The OCOS Bestication Control Col_OPEL_BE_ORU_2_0029103T01910_0021001 Color Advances Design The OCOS Bestication Control The OCOS Bestication Control Col_OPEL_BE_ORU_2_0029103T01910_0021001 Color Advances Teage, SSR NOTI The OCOS Bestication Control The OCOS Bestication Control Col_OPEL_BE_ORU_2_0029103T01910_0021001 Color Advances Teage, SSR NOTI The OCOS Bestication Control The OCOS Bestic	Product	Test Failed	Description
CSUMPLER.LOPIL_2.00210011101_CL022 0000111032_0001 CODE Betweener Gally mere records CSUMPLER.LOPIL_2.0021003T103101_020021003T103106_0001 Code Betweener Gally FRANCOOD Analysis Results (Results (Res	CS_OFFL_SIR_IOPN_2_20221003T005946_20221003T010409_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
C2. 0FL_SR_10FM_2 202210031012191 202210031012192 0001 mit disastanti charter Codel (PLR) CODE In PLAN mit disastanti charter Codel (PLR) CODE In PLAN C2. 0FL_SR_10FM_2 20221003101312_02021003101314_COD1 Code Althouter Range, SSR, StM and Educational Code (PLR) The CODE Althouter Range, SSR, StM and Educational Code (PLR) C3. 0FL_SR_10FM_2 202210031101312_02021003101314_COD1 Code Althouter Range, SSR, StM and Educational Code (PLR) The CODE Range and Reckatation Code (PLR) C3. 0FL_SR_10FM_2 202210031101382_02021003102133_COD1 Code Althouter Range, SSR, StM Althouter Range, SSR, S	CS_OFFL_SIR_IOPN_2_20221003T011731_20221003T011853_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_0HF_JBR_UONE_2_022100T101302_022100T101346_0001 CS_0HF_JBR_UONE_2_022100T101302_022100T101346_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T101467_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T101667_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T101667_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T101667_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T101667_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T101667_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T101667_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T101667_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T1001632_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T1001632_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T1001632_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T1001632_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T1001632_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T1001632_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T1001632_0001 CS_0HF_JBR_UONE_2_022100T10166_0222100T1001632_0001 CS_0HF_JBR_UONE_2_022100T101662_022100T1001632_0001 CS_0HF_JBR_UONE_2_022100T101662_022100T1001632_0001 CS_0HF_JBR_UONE_2_022100T101662_022100T1001632_0001 CS_0HF_JBR_UONE_2_022100T101662_022100T1001632_0001 CS_0HF_JBR_UONE_2_022100T101662_022100T1001632_0001 CS_0HF_JBR_UONE_2_022100T101662_022100T1001632_0001 CS_0HF_JBR_UONE_2_022100T1016182_002100T1001632_0001 CS_0HF_JBR_UONE_2_022100T1001632_0001 CS_0HF_JBR_UONE_2_002100T1001632_0001 CS_0HF_JBR_UONE_2_002100T1001632_0001 CS_0HF_JBR_UONE_2_002100T1001632_0001 CS_0HF_JBR_UONE_2_002100T1001632_0001 CS_0HF_JBR_UONE_2_002100T1001632_0001 CS_0HF_JBR_UONE_2_002100T1001632_0001 CS_0HF_JBR_UONE_2_002100T1001632_0001 CS_0HF_JBR_UONE_2_002100T1001632_0001 CS_0HF_JBR_UONE_2_002100T100	CS_OFFL_SIR_IOPN_2_20221003T012101_20221003T012609_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CCC/FIL_SRC_CONC_CAD21001010000_D02100110000_D021001 DOCOR Backscatter Callity Immon resorts CS_OFFL_SRC_CONC_CAD21000102000_D02100100_D0100010 DOCOR Backscatter Callity Immon resorts CS_OFFL_SRC_CONC_CAD21000102000_D02100010 DOCOR Backscatter Callity Immon resorts CS_OFFL_SRC_CONC_2_202210001102000_D02100100_D0100010 DOCOR Backscatter Callity Immon resorts CS_OFFL_SRC_CONC_2_0021000102000_D0100000_D0100010 DOCOR Backscatter Callity Immon resorts CS_OFFL_SRC_CONC_2_0021000102000_D0100100000_D010010 DOCOR Backscatter Callity Immon resorts CS_OFFL_SRC_CONC_2_002100102000_D010010000_D010010 DOCOR Backscatter Callity Immon resorts CS_OFFL_SRC_CONC_2_002100100100000_D0100100000_D0100100000 DOCOR Backscatter Callity Immon resorts CS_OFFL_SRC_IONN_2_02221000100100100_D0100100000_D01001000000_D01000000 DOCOR Backscatter Callity Immon resorts CS_OFFL_SRC_IONN_2_02221000100100000_D0100100000_D010000000000	CS_OFFL_SIR_IOPN_2_20221003T013133_20221003T013145_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CB_OFFL_SIR_JOPK_2_2022103T021062_2022103T021040_C001 and Backscatter Quality FLML 0CC03 backscatter Quality FLML 0CC03 backscatter Quality FLML and Backscatter Quality FLML 0CC03 backscatter Quality FLML backscatter	CS_OFFL_SIR_IOPN_2_20221003T014209_20221003T014607_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SR_UOPL_2_00210031023084_202210031030435_0001 OCC08 Backscatter Quality FLM The Occos Altereder Range, SSHA, SWH and Backscatter Quality Flags have been and for on one records CS_OFFL_SR_UOPL_2_02210031023084_20221003103403_0001 OCC08 Altereder Range Quality PLRM, The OCCOR Range and Backscatter Quality Flags have been and for on one records CS_OFFL_SR_UOPL_2_02210031043708_202210031044128_0001 OCC08 Altereder Range Quality PLRM, The OCCOR Range and Backscatter Quality Flags have been and for on one records CS_OFFL_SR_UOPL_2_02210031043708_202210031044128_0001 OCC08 Altereder Range Quality PLRM, The OCCOR Range and Backscatter Quality Flags have been and for on one records CS_OFFL_SR_UOPL_2_02210031063108_00210031062002_0001 OCC08 Altereder Range Quality PLRM, The OCCOR Range and Backscatter Quality Flags have been and for on more records CS_OFFL_SR_UOPL_2_02210031063108_000_0011 OCC08 Altereder Range Quality PLRM, The OCCOR Range and Backscatter Quality Flags have been and for on more records CS_OFFL_SR_UOPL_2_02210031063108_202210031063200_0011 OCC08 Altereder Range Quality PLRM, The OCCOR Range and Backscatter Quality Flags have been and for on more records CS_OFFL_SR_UOPL_2_02210031063108_202210031063302_0011 OCC08 Altereder Range Quality PLRM, The OCCOR Range and Backscatter Quality Flags have been and for on more records CS_OFFL_SR_UOPL_2_02210031063108_202210031063408_0011 OCC08 Altereder Range Quality PLRM, The OCCOR Range and Backscatter Quality Flags have been and for on more records CS	CS_OFFL_SIR_IOPN_2_20221003T021056_20221003T021408_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
C3_OFFL_SR_UPH_2_202103T030438_2021003T030433_001 and Backscatter Quality FLIDM_OCDS Im Doals Andreider Angle, Sark, Synth and Backscatter Quality Flipm, Text Ba	CS_OFFL_SIR_IOPN_2_20221003T022058_20221003T022313_C001	OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records
CB_UFFL_SIR_UFFL_2_80221003T043708_20221003T04128_C001 OCOG Backscatter Quality FLRM. The OCOG Range and Backscatter Quality Flags have been set for o more records. CB_OFFL_SIR_UFFL_2_80221003T043708_20221003T04128_C001 OCOG Backscatter Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for o more records. CB_OFFL_SIR_UFFL_2_80221003T063168_20221003T062052_C001 OCOG Altimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for o more records. CB_OFFL_SIR_UFFL_2_80221003T063168_20221003T062052_C001 OCOG Altimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for o more records. CB_OFFL_SIR_UFFL_2_80221003T063169_20221003T063200_C001 OCOG Altimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for o more records. CB_OFFL_SIR_UFFL_2_80221003T063309_20221003T063432_C001 OCOG Altimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for o more records. CB_OFFL_SIR_UFFL_2_80221003T063564_20221003T063432_C001 OCOG Altimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for o more records. CB_OFFL_SIR_UFFL_2_80221003T063564_20221003T064565_C001 OCOG Altimeter Range Quality PLRM. The OCOG Range and Backscatter Quality Flags have been set for o more records. CB_OFFL_SIR_UFFL_2_80221003T064565_20221003T064565_C02100 OCOG Altimeter Range Quality PLRM. <td>CS_OFFL_SIR_IOPN_2_20221003T025854_20221003T030433_C001</td> <td>and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality</td> <td>The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records</td>	CS_OFFL_SIR_IOPN_2_20221003T025854_20221003T030433_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
Count Coold Backcaster Quality more records C8_OFFL_SIR_IOPN_2_20221003T053028_20221003T053152_C001 OCOG Altimeter Range Quality FLRM, COCO Backcaster Quality The OCOG Range and Backcaster Quality Flags have been set for on more records C8_OFFL_SIR_IOPN_2_20221003T063125_20221003T063020_C001 OCOG Altimeter Range Quality FLRM, COCO Backcaster Quality The OCOG Range and Backscatter Quality Flags have been set for on more records C8_OFFL_SIR_IOPN_2_20221003T063125_20221003T063200_C001 OCOG Altimeter Range Quality FLRM, COCOB Backcaster Quality The OCOG Range and Backscatter Quality Flags have been set for on more records C8_OFFL_SIR_IOPN_2_20221003T063309_20221003T063432_C001 OCOG Altimeter Range Quality FLRM, COCOB Backcaster Quality The OCOG Range and Backscatter Quality Flags have been set for on more records C8_OFFL_SIR_IOPN_2_20221003T063838_20221003T063449_C001 OCOG Backcaster Quality The OCOG Range and Backscatter Quality Flags have been set for on more records C8_OFFL_SIR_IOPN_2_20221003T063834_20221003T064407_C001 OCOG Backcaster Quality The OCOG Range and Backscatter Quality Flags have been set for on more records C8_OFFL_SIR_IOPN_2_20221003T063954_20221003T064407_C001 OCOG Altimeter Range Quality FLRM, OCOG Backcaster Quality The OCOG Range and Backscatter Quality Flags have been set for on more records C8_OFFL_SIR_IOPN_2_20221003T063954_20221003T064407_C001 OCOG Altimeter Range Quality FLRM, OCOG Backcaster Qualit	CS_OFFL_SIR_IOPN_2_20221003T031439_20221003T031602_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_UOPN_2_20221003T063052_2021003T062052_0001 OCCGG Backscatter Quality PLRM. The OCCG Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_UOPN_2_20221003T063052_2021003T063052_0001 OCCGG Alimeter Range Quality PLRM. The OCCG Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_UOPN_2_20221003T063308_20221003T063432_C001 OCCGG Alimeter Range Quality PLRM. The OCCG Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_UOPN_2_20221003T063308_20221003T063432_C001 OCCGG Alimeter Range Quality PLRM. The OCCG Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_UOPN_2_20221003T063364_20221003T063449_C001 OCCGG Alimeter Range Quality PLRM. The OCCG Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_UOPN_2_20221003T064364_20221003T064107_C001 QCCGG Alimeter Range Quality PLRM. The OCCG Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_UOPN_2_20221003T064706_20221003T06455_C001 OCCGG Alimeter Range Quality PLRM. The OCCG Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_UOPN_2_20221003T064706_20221003T064851_C001 OCCGG Alimeter Range Quality PLRM. The OCCG Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_UOPN_2_20221003T064706_20221003T065032_C001 OCCGG Alimeter Range Quality PLRM. </td <td>CS_OFFL_SIR_IOPN_2_20221003T043708_20221003T044128_C001</td> <td></td> <td>The OCOG Range and Backscatter Quality Flags have been set for one or more records</td>	CS_OFFL_SIR_IOPN_2_20221003T043708_20221003T044128_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPN_2_20221003T06325_0021003T063200_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_20221003T063125_0221003T063200_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T063309_02221003T063342_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T063388_02221003T063349_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T063354_02221003T064361_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T064706_20221003T064351_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T064706_20221003T064351_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T064706_20221003T064307_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for or more records	CS_OFFL_SIR_IOPN_2_20221003T053028_20221003T053152_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPN_2_202210031063126_202210031063243_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_202210031063309_202210031063432_C001 OCOG Alimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Gackscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_IOPN_2_202210031085002_20221003108507_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_IOPN_2_202210031086502_C0210031095034_C001 OCOG Altimeter Rang	CS_OFFL_SIR_IOPN_2_20221003T061858_20221003T062052_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CG_OFFL_SIR_IOPN_2_202210031063838_202210031063849_C001 OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Gackscatter Quality PLRM, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality FLRM, CCOG Altimeter Range and Backscatter Quality FLRM, CCOG Altimeter Range and Backscatter Quality FLRM, CCOG Altimeter Range Quality PLRM, CCOG Altimeter Range and Backscatter Quality FLRM, CCOG Altimeter Range and Backscatter Quality FLRM, CCOG Altimeter Range and Backscatter Quality FLRM, CCOG Altimeter Range Quality PLRM, CCOG Backscatter Quality FLRM, CCOG Altimeter Range Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, CCOG Altimeter Range and Backscatter Quality FLRM, CCOG Altimeter Range and Backscatter Quality FLRM, CCOG Altimeter Range and Backscatter Quality FLRM, CCOG Altimeter Range and Backscatter Quality FLRM, CCOG Altimeter Range and Backsca	CS_OFFL_SIR_IOPN_2_20221003T063125_20221003T063200_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPN_2_20221003T063364_20221003T064107_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_20221003T063954_20221003T064107_C001 OCOG Altimeter Range and Backscatter Quality File Ocean Altimeter Range and Backscatter Quality File and the OCOG Altimeter Range and Backscatter Quality File and the OCOG Altimeter Range and Backscatter Quality Files have been set for on more records CS_OFFL_SIR_IOPN_2_20221003T064706_20221003T064851_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Files have been set for on more records CS_OFFL_SIR_IOPN_2_20221003T071639_20221003T071941_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_IOPN_2_20221003T082543_20221003T082740_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_IOPN_2_20221003T085002_20221003T085307_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for on more records The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_IOPN_2_20221003T0865307_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been for on more records The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_IOPN_2_20221003T0864645_20221003T0865037_C001 Ocean Altimeter Range	CS_OFFL_SIR_IOPN_2_20221003T063309_20221003T063432_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPN_2_20221003T063954_20221003T064107_C001 and Backscatter Quality PLRM, OCOG The OCOG Altimeter Anage and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_IOPN_2_20221003T064706_20221003T064851_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range And Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_IOPN_2_20221003T082543_20221003T082740_C001 OCOG Altimeter Range, Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_IOPN_2_20221003T085002_20221003T085307_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_IOPN_2_20221003T094645_20221003T095034_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_IOPN_2_20221003T094645_20221003T095034_C001 Ocean Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_IOPN_2_20221003T094645_20221003T095034_C001 OceG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_IOPN_2_2	CS_OFFL_SIR_IOPN_2_20221003T063838_20221003T063849_C001	OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPN_2_202210031064/06_20221003106465_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_20221003T071639_20221003T071941_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T082543_20221003T082740_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T082543_20221003T085307_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for or ore or more records CS_OFFL_SIR_IOPN_2_20221003T085002_20221003T095034_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for or or more records CS_OFFL_SIR_IOPN_2_20221003T1034645_20221003T103649_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T103449_20221003T103649_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, T	CS_OFFL_SIR_IOPN_2_20221003T063954_20221003T064107_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPN_2_202210031071639_202210031071641_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_20221003T082543_20221003T082740_C001 OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T082002_20221003T085307_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T085002_20221003T095034_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T094645_20221003T095034_C001 Ocean Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T103649_2021003T103649_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T103649_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T103649_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for or more records	CS_OFFL_SIR_IOPN_2_20221003T064706_20221003T064851_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPN_2_202210031082043_202210031082043_202210031082043_202210031082043_20021 OCOG Backscatter Quality more records CS_OFFL_SIR_IOPN_2_202210031085002_202210031085307_C001 Ocoa 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 have be set for one or more records CS_OFFL_SIR_IOPN_2_202210031094645_202210031095034_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality FLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_IOPN_2_202210031094645_202210031095034_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_IOPN_2_202210031103649_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_202210031111001_202210031111238_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_20221003T071639_20221003T071941_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPN_2_20221003T085002_20221003T085307_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG PLRM Ine Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_IOPN_2_20221003T094645_20221003T095034_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for on more records CS_OFFL_SIR_IOPN_2_20221003T103649_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for on more records	CS_OFFL_SIR_IOPN_2_20221003T082543_20221003T082740_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOPN_2_20221003T094645_20221003T095034_C001 and Backscatter Quality PLRM, OCOG Atimeter Range and Backscatter Quality PLRM, OCOG Atimeter Range and Backscatter Quality PLRM The OCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_IOPN_2_20221003T103449_20221003T103649_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records CS_OFFL_SIR_IOPN_2_20221003T103649_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for or more records CS_OFFL_SIR_IOPN_2_20221003T111001_20221003T111238_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for or more records	CS_OFFL_SIR_IOPN_2_20221003T085002_20221003T085307_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_IOFN_2_20221003T103049_20221003T103049_2001 OCOG Backscatter Quality more records The OCOG Range and Backscatter Quality Flags have been set for or	CS_OFFL_SIR_IOPN_2_20221003T094645_20221003T095034_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
	CS_OFFL_SIR_IOPN_2_20221003T103449_20221003T103649_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
	CS_OFFL_SIR_IOPN_2_20221003T111001_20221003T111238_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_20221003T112858_20221003T113143_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_IOPN_2_20221003T130019_20221003T130039_C001	PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	set for one or more records The Ocean Altimeter Range, SSHA, SWH 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_20221003T130501_20221003T130715_C001	Cean 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_20221003T135804_20221003T135952_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_20221003T142523_20221003T142754_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_20221003T142839_20221003T142958_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_20221003T143414_20221003T143537_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_20221003T144425_20221003T144909_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_20221003T145000_20221003T145122_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_20221003T152719_20221003T152851_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_20221003T153559_20221003T153838_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_20221003T171639_20221003T171759_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_20221003T173506_20221003T173701_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_20221003T175507_20221003T175546_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_20221003T180609_20221003T180721_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_20221003T184644_20221003T184958_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_20221003T191618_20221003T191752_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_20221003T202402_20221003T202819_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_20221003T203418_20221003T203531_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_20221003T211631_20221003T211754_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_20221003T231015_20221003T231211_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_20221003T235448_20221003T235614_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_20221003T012610_20221003T013133_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_20221003T013145_20221003T013248_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_20221003T014654_20221003T014802_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_20221003T022314_20221003T022522_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_20221003T030433_20221003T031402_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_20221003T034820_20221003T035023_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_20221003T040206_20221003T040437_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_20221003T044129_20221003T044911_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_20221003T052740_20221003T053027_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_20221003T054101_20221003T054528_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_20221003T062053_20221003T062732_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_20221003T063433_20221003T063551_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_20221003T065459_20221003T065748_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_20221003T071941_20221003T072354_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_20221003T075921_20221003T075934_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_20221003T075935_20221003T080632_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_20221003T081156_20221003T081824_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_20221003T090053_20221003T090305_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_20221003T093921_20221003T094038_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_20221003T094055_20221003T094528_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_20221003T094528_20221003T094645_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_20221003T111900_20221003T112403_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_20221003T114757_20221003T115009_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_20221003T124005_20221003T124339_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_20221003T124339_20221003T124431_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_20221003T130040_20221003T130501_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_20221003T134536_20221003T134740_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_20221003T143610_20221003T143626_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_20221003T144017_20221003T144424_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_20221003T153839_20221003T154109_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

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CS_OFFL_SIR_IOPR_2_20221003T161455_20221003T161601_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_20221003T161831_20221003T162503_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_20221003T170235_20221003T170702_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_20221003T171800_20221003T172010_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_20221003T174334_20221003T174619_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_20221003T174715_20221003T174820_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_20221003T175407_20221003T175456_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_20221003T175821_20221003T180609_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_20221003T180722_20221003T180804_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_20221003T184231_20221003T184644_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_20221003T193810_20221003T194649_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_20221003T202157_20221003T202402_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_20221003T203532_20221003T203945_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_20221003T211754_20221003T211940_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_20221003T211940_20221003T212525_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_20221003T213336_20221003T213354_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_20221003T220111_20221003T220211_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_20221003T221325_20221003T222004_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_20221003T225703_20221003T230226_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_20221003T230259_20221003T230413_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_20221003T232331_20221003T232534_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_20221003T235227_20221003T235448_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
1.2 Quality Flame (1.11- 8.4.11- BL DM)		

L2 Quality Flags (1 Hz & 1 Hz PLRM)

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

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> 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:

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.

> 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.

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:

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:

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.

Number of products with errors:

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).

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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.

Test Failed	Description
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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)
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
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)
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
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)
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)
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)
	Mean Sea Surface (1), Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) Mean Sea Surface (1), Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1)

CS_OFFL_SIR_IOP_220221003T144226_20221003T153202_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_220221003T153202_20221003T162140_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_220221003T162140_20221003T171117_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_20221003T171117_20221003T180055_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_220221003T180055_20221003T185032_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_220221003T185032_20221003T194010_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_20221003T194010_20221003T202946_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_220221003T202946_20221003T211924_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_220221003T211924_20221003T220901_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_220221003T220901_20221003T225839_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_220221003T225839_20221003T234815_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_220221003T234815_20221004T003754_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)
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:

Product		Description
CS_OFFL_SIR_IOP_220221003T021805_20221003T030743_C001		There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOP_220221003T030743_20221003T035720_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOP_220221003T080527_20221003T085504_C001		There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOP_2_20221003T130311_20221003T135247_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:	30
Number of products with errors.	50
P2P Quality Flags (20 Hz PLRM)	
Since the P2P Quality Flags are copied direct	tly 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:	30
P2P Quality Flags (1 Hz & 1 Hz PLR	М)
Since the P2P Quality Flags are copied direct	tly 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:	30
6.8 P2P Ocean Retracking Quali	ty 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	s flag is currently set for products IOPR and IOPN products over sea ice, but this is to be expected.
Number of products with errors:	28
P2P Retracking Flags PLRM	
	uality flag for each 20 Hz PLRM measurement record. The bit value of this flag indicates any problems when set.
CryoSat L2 data includes an ocean retracking q	uality flag for each 20 Hz PLRM measurement record. The bit value of this flag indicates any problems when set. s flag is currently set for products IOPR and IOPN products over sea ice, but this is to be expected.

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	168	168	1	167	0
SIR_IOPR1B	110	109	3	106	0
SIR_IOPN1B	109	110	0	110	0
SIR_IOPM_2	168	168	113	55	0
SIR_IOPR_2	109	109	43	66	0
SIR_IOPN_2	109	109	29	80	0
SIR_IOP_P2P	29	29	0	29	0

7.1 QCC Errors					
Number of QCC reports with errors:	0				
7.2 QCC Warnings					

Product Type	BCSHNCDF	MVIOEPFDNCDF	MVIOEPNCDF	mber of occurrences of e MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNC	
SIR IOPM1B	167	0	0	0	0	0	0
SIR IOPM 2	0	38	38	0	46	0	37
SIR_IOPN1B	105	0	0	0	0	0	0
SIR IOPN 2	0	14	36	6	27	34	24
SIR_IOPR1B	106	0	0	0	0	0	0
SIR IOPR 2	0	38	45	0	32	29	20
				-			
Product Type	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNC	RPEPOPFDPLRMSINNC	DERPEPOPFDSARNCDF	RPEPOPFDSINNCDF	RPEPOPLRMNCDF	RPEPOPSARNCDF
SIR_IOPM1B	0	0	0	0	0	0	0
SIR_IOPM_2	39	0	0	0	0	30	0
SIR_IOPN1B	0	0	0	0	0	0	0
SIR_IOPN_2	0	0	30	0	36	0	0
SIR_IOPR1B	0	0	0	0	0	0	0
SIR_IOPR_2	0	50	0	55	0	0	48
	•	•	•		•	•	•
Product Type	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF	RSWHOEPFDNCDF	RSWHOEPFDPLRM
SIR_IOPM1B	0	0	0	0	0	0	0
SIR_IOPM_2	0	3	31	0	7	42	0
SIR_IOPN1B	0	0	0	0	0	0	0
SIR_IOPN_2	34	16	50	61	36	31	37
SIR_IOPR1B	0	0	0	0	0	0	0
SIR_IOPR_2	0	1	69	40	10	39	47
Product Type	RSWHOEPNCDF	SPHRTASCNSNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF	-
SIR_IOPM1B	0	1	0	0	0	0	
SIR_IOPM_2	4	1	0	0	0	0	
SIR_IOPN1B	0	0	0	0	49	1	
SIR_IOPN_2	16 0	0	1	2	0	0	
SIR_IOPR1B		0	0	0		2	
SIR_IOPR_2	2	0	0	1	0	0	
Product Type	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNC	
SIR IOP 2	17	29	29	7	29	18	29
Product Type	RPEPOPFDPLRMSINNCI	RPEPOPFDSINNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF
SIR IOP 2	18	29	25	16	29	19	26
Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHLPQWNCDF	-	-	-

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
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Start_v2_NetCDF	Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1)
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF	Rel_Time_ASC_Node_Stop mismatch
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter

7.3 Missing QCC Reports

Number of products with missing QCC reports:

1

L1B and L2 Product name n/a

P2P Product name CS_OFFL_SIR_IOP_2__20221003T234815_20221004T003754_C002