

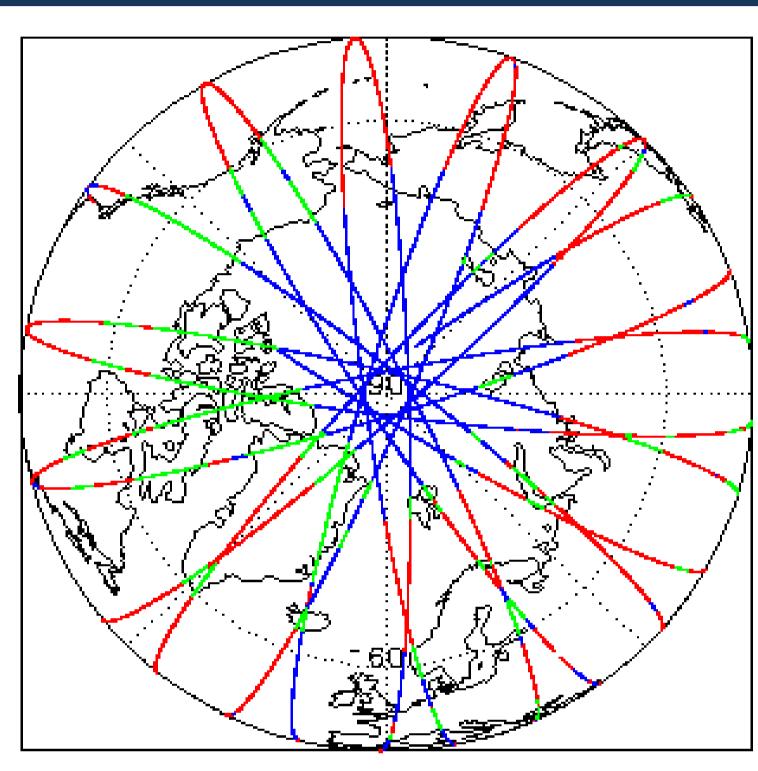
1. Overview

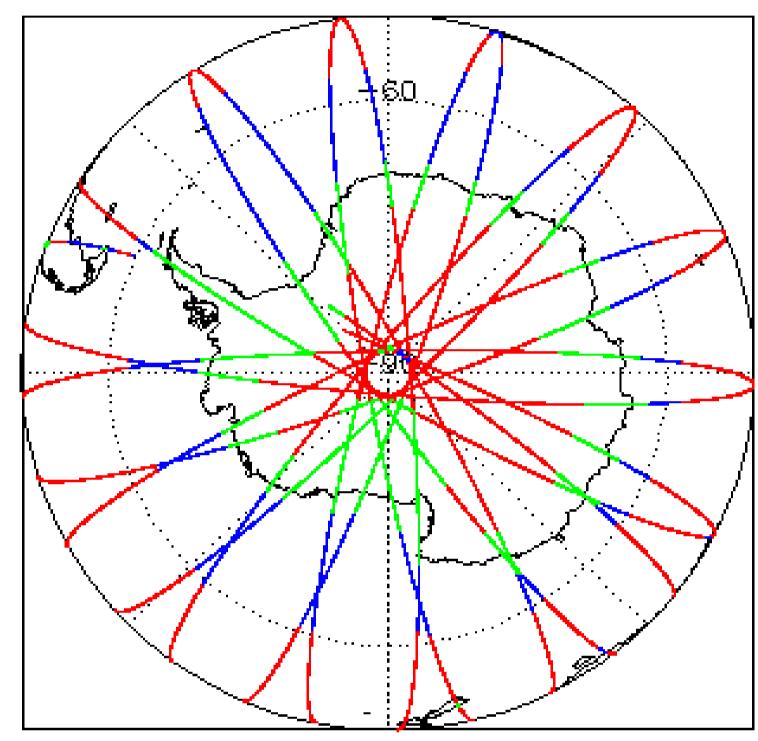
Report Production:	21-Oct-2022
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data

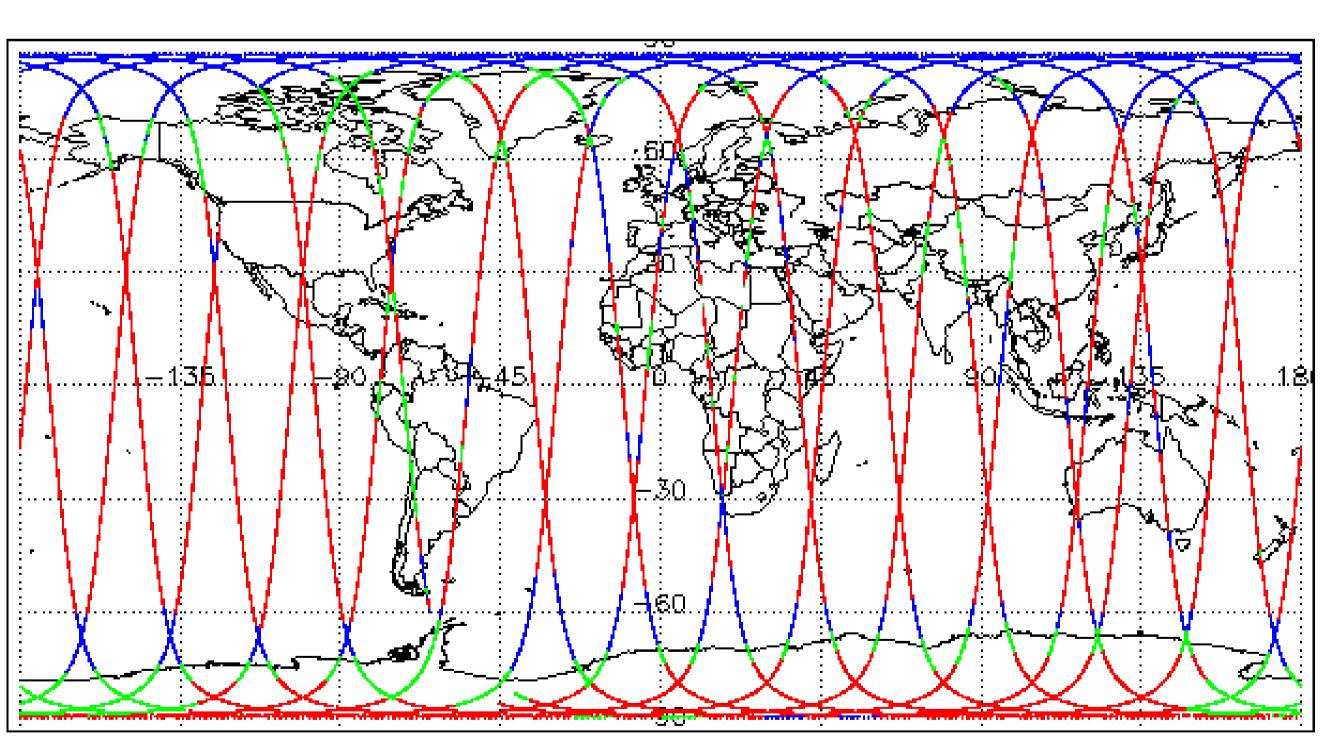
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary 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 7.1, 7.2 and 7.3	See Section 7.1, 7.2 and 7.3

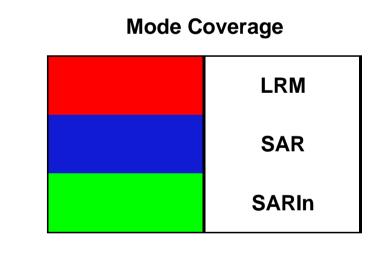
Mission / Ins	trument News
22-Sep-202	None None
23-Sep-202	None None
24-Sep-2022	Nothing planned

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

4. GOP 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.

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

Number of products with errors:

4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

0

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

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 GOPR products due to a configuration issue. This is being investigated and will be updated in the next SW update.

Number of products with errors:

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0

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20220923T143951_20220923T144312_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 some products over land, but this is to be expected.

Number of products with errors:

20

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20220923T011615_20220923T011827_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220923T055436_20220923T062655_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220923T091718_20220923T093957_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220923T111228_20220923T111928_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220923T010344_20220923T010805_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220923T013128_20220923T013551_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220923T045848_20220923T045905_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220923T113459_20220923T113620_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220923T133054_20220923T133216_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220923T145344_20220923T145832_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220923T212135_20220923T212224_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220923T212322_20220923T212725_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220923T225942_20220923T230117_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220923T230528_20220923T230621_C001	Loss of Echo	The tracking echo is missing for one or more records

5. GOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

0

0

0

Currently, there are some common auxiliary correction errors raised in the Level 2 products that are expected, due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues that 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.
- > Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.

Number of products with errors:

50

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20220923T120346_20220923T121430_C001	liviean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records

CS_OFFL_SIR_GOPM_2_20220923T144638_20220923T144735_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_GOPN_2_20220923T013128_20220923T013551_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T022026_20220923T022148_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T022929_20220923T023238_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T031026_20220923T031414_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T041015_20220923T041132_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T071927_20220923T072053_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T072613_20220923T072919_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T085912_20220923T090150_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T090513_20220923T090847_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T103952_20220923T104226_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T113459_20220923T113620_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T121525_20220923T122112_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T130927_20220923T131025_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T131430_20220923T131641_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T135718_20220923T135859_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T140741_20220923T140947_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T145344_20220923T145832_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T171629_20220923T172023_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 height (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20220923T181729_20220923T181843_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T185618_20220923T185930_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T194049_20220923T194212_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_GOPN_2_20220923T203358_20220923T203812_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T204347_20220923T204512_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T212322_20220923T212725_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T221142_20220923T221313_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T222135_20220923T222319_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20220923T230528_20220923T230621_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220922T235708_20220923T000443_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T013552_20220923T014311_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T031415_20220923T032148_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T045108_20220923T045848_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T063041_20220923T063704_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

CS_OFFL_SIR_GOPR_2_20220923T063704_20220923T063844_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T080832_20220923T081604_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T081604_20220923T081743_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T095014_20220923T095501_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the GPD Wet Tropospheric correction, the MSS height (solution 1) and tidal corrections for one or more records
CS_OFFL_SIR_GOPR_2_20220923T095501_20220923T095626_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T112744_20220923T113344_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T113344_20220923T113459_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T131025_20220923T131112_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T131112_20220923T131430_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T144832_20220923T145344_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T162844_20220923T163413_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T175701_20220923T175846_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T180755_20220923T181547_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T194622_20220923T195449_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T212725_20220923T213528_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20220923T230622_20220923T231203_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20220923T143951_20220923T144312_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20 Hz)

CryoSat L2 data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Hz measurement record. The bit value of this flag indicates any problems when set.

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

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

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20220923T001411_20220923T002342_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_GOPM_2_20220923T002618_20220923T004000_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS OFFE SIR GOPINES SOLVENING STORES OF SOLVENING STORES OF SOLVENING SOLVEN	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
US OFFI SIR (30PN/L/ /0//09/31004835 /0//09/31004951 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_GOPM_2_20220923T011615_20220923T011827_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_GOPM_2_20220923T011950_20220923T012702_C001	• • • • • • • • • • • • • • • • • • • •	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T012825_20220923T013040_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

Page			1
COLONIAL SIRI, CAPINE 2, 202040710000 120100000 120100000 12010000000 12010000000 12010000000 12010000000 12010000000 12010000000 120100000000	CS_OFFL_SIR_GOPM_2_20220923T013102_20220923T013128_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
Col. OFFL. SRR. COPPL_2. 22222227 03391_2222223 30391_COT Col. OFFL. SRR. COPPL_2. 22222227 03391_2222223 30391_COT Col. OFFL. SRR. COPPL_2. 22222227 03391_2222223 30391_COT Col. OFFL. SRR. COPPL_2. 22222223 30391_2222223 30391_COT Col. OFFL. SRR. COPPL_2. 22222223 30	CS_OFFL_SIR_GOPM_2_20220923T020311_20220923T021846_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
Exercise of mera Records CQ_CFT_SRIP_OOPN_2_22220021T00371 _000220221T00371 _000220221T00371 _000220221T00371 _000220221T00371 _000220221T00371 _000220221T00371 _000220221T00371 _0002202221T00371 _00022022221T00371 _0002202221T00371 _0002202221T00371 _0002202221T00371 _0002202221T00371 _0002202221T00371 _0002202221T00371 _00022022221T00371 _0002202221T00371 _00022022221T00371 _0002202221T00371 _0002202221T00371 _0002202221T00371 _0002202221T00371 _0002202221T00371 _0002202221T00371 _00022022221T00371 _00022022221T00371 _00022022221T00371 _00022022221T00371 _00022022221T00371 _00022022221T00371 _00022022221T00371 _00022022221T00371 _00022022221T00371 _000220222221T00371 _0002202222221T00371 _000220222221T00371 _00022022221T00371 _000220222221T00371 _000220222221T00371 _0002202222221T00371 _000220222221T00371 _0002202222221T00371 _00022022222221T00371 _000220222222221T00371 _00022022222222222221T00371 _0002202222222222222222222222222222222	CS_OFFL_SIR_GOPM_2_20220923T022306_20220923T022728_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
SE OPPL SIR COPPL 2 (22200057005764 (2.000 Amenic Region of Montered Region Country) (2.000 Amenic Region Country) (2.000 Amen	CS_OFFL_SIR_GOPM_2_20220923T022750_20220923T022929_C001	1	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
Basecaster Classity CS, OFFL SIR (00PW 2 202220231103358 70070031035748 DDD1 CS OFFL SIR (00PW 2 202220231103587 70070031034040 DDD1 CS OFFL SIR (00PW 2 202220231104587 70070031044040 DDD1 CS OFFL SIR (00PW 2 2022203231104598 7007003104590 DDD1 CS OFFL SIR (00PW 2 2022203231104597 7007003104590 DDD1 CS OFFL SIR (00PW 2 2022203231104598 7007003104590 DDD1 CS OFFL SIR (00PW 2	CS_OFFL_SIR_GOPM_2_20220923T023504_20220923T025708_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
and the Locol A America Range and Backscater Quality Flags never be American Range an	CS_OFFL_SIR_GOPM_2_20220923T025711_20220923T025906_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
GS_OFFL_SIR_GOPPI_2_20220237054065_0220323705404_COUNTY CS_OFFL_SIR_GOPPI_2_20220237054065_0220323705404_COUNTY CS_OFFL_SIR_GOPPI_2_20220237054065_0220323705404_COUNTY CS_OFFL_SIR_GOPPI_2_20220237054065_0220323705404_COUNTY CS_OFFL_SIR_GOPPI_2_20220237054065_0220323705406_COUNTY CS_OFFL_SIR_GOPPI_2_2022023705406_COUNTY CS_OFFL_SIR_GOPPI_2_20220223705406_COUNTY CS_OFFL	CS_OFFL_SIR_GOPM_2_20220923T033358_20220923T035748_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
Sackscarter Callily CS_OFFL_SIR_COPM_2_2022023T04431_2022023T04494_COOL Altimeter Range, SSHA, SWH and Backscarter Quality Flags rave be set to row or more records CS_OFFL_SIR_GOPM_2_2022023T050108_2022023T05413_COOL Altimeter Range and Sackscarter Quality Flags rave be set to row or more records CS_OFFL_SIR_GOPM_2_2022023T050108_2022023T05013_COOL Altimeter Range, SSHA, SWH and Backscarter Quality Flags rave be set to row or more records CS_OFFL_SIR_GOPM_2_2022023T050108_2022023T05013_COOL Altimeter Range, SSHA, SWH and Backscarter Quality Flags rave be set to row or more records CS_OFFL_SIR_GOPM_2_2022023T050108_2022023T05010_COOL Altimeter Range, SSHA, SWH and Backscarter Quality Flags rave be set to row or more records CS_OFFL_SIR_GOPM_2_2022023T05010_2022023T05010_COOL Altimeter Range, SSHA, SWH and Backscarter Quality Flags rave be set to row or more records CS_OFFL_SIR_GOPM_2_2022023T05010_2022023T054022_COOL CS_OFFL_SIR_GOPM_2_2022023T05408_2022023T054022_COOL CS_OFFL_SIR_GOPM_2_2022023T05408_2022023T054022_COOL CS_OFFL_SIR_GOPM_2_2022023T05408_2022023T054022_COOL CS_OFFL_SIR_GOPM_2_2022023T05408_2022023T054002_COOL CS_OFFL_SIR_GOPM_2_2022023T05408_2022023T07400_COOL Altimeter Range, SSHA, SWH and Backscarter Quality Flags rave be set to row or more records CS_OFFL_SIR_GOPM_2_2022023T05408_2022023T07400_COOL Altimeter Range and Backscarter Quality Flags rave be set to row or more records CS_OFFL_SIR_GOPM_2_2022023T07400_COOL Altimeter Range and Backscarter Quality Flags rave be set to row or more records CS_OFFL_SIR_GOPM_2_2022023T07400_COOL Altimeter Range and Backscarter Quality Flags rave be set to row or more records CS_OFFL_SIR_GOPM_2_2022023T07400_COOL Altimeter Range and Backscarter Quality Flags rave be set to row or more records CS_OFFL_SIR_GOPM_2_2022023T07400_COOL Altimeter Range and Backscarter Quality Flags rave be set to row or more records CS_OFFL_SIR_GOPM_2_2022023T07400_COOL Altimeter Range and Backscarter Quality Flags rave be set to row or more records CS_OFFL	CS_OFFL_SIR_GOPM_2_20220923T040122_20220923T040643_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
and Backscater Quality. COCO Sprig. SIR_QOPM_2_20220923T04921_2022023T04931_CO11 and Backscater Quality. COCO Coena Altimeter Range, SSHA, SWH and Backscater Quality. COCO Altimeter Range and Backscater Quality. Plags have be described for Quality. COCO Altimeter Range, SSHA, SWH and Backscater Quality. Plags have be described. Cocon Altimeter Range, SSHA, SWH and Backscater Quality. Plags have be described. Cocon Altimeter Range, SSHA, SWH and Backscater Quality. Plags have be described. Cocon Altimeter Range, SSHA, SWH and Backscater Quality. Plags have be destroor on or more records. CS OFFL SIR QOPM_2 20220923T056191 20220923T056192 COC1 CS OFFL SIR QOPM_2 20220923T056194 20220923T056194 COC1 CS OFFL SIR QOPM_2 20220923T056194 20220923T056194 COC1 CS OFFL SIR QOPM_2 20220923T056194 20220923T056194 COC1 CS OFFL SIR QOPM_2 20220923T056194 20220923T056190 COC1 CS OFFL SIR QOPM_2 20220923T056191 20220923T056190 COC1 CS OFFL SIR QOPM_2 20220923T	CS_OFFL_SIR_GOPM_2_20220923T040650_20220923T041014_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS OFFL SIR COPM 2 20220923T050108 20220923T0501134 C011 CS OFFL SIR COPM 2 20220923T050109 20220923T054112 20220923T054102 20010 CS OFFL SIR GOPM 2 20220923T054112 20220923T054092 20011 CS OFFL SIR GOPM 2 20220923T05412 20220923T054092 20011 CS OFFL SIR GOPM 2 20220923T054092 20020923T074092 20011 CS OFFL SIR GOPM 2 20220923T074092 20220923T074092 20011 CS OFFL SIR GOPM 2 20220923T077093 20220923T077609 20011 CS OFFL SIR GOPM 2 20220923T077077 20220923T078093 20011 CS OFFL SIR GOPM 2 20220923T075707 20220923T078093 20011 CS OFFL SIR GOPM 2 20220923T078093 2002093T078093 20011 CS OFFL SIR GOPM 2 20220923T078093 2002093T078093 20011 CS	CS_OFFL_SIR_GOPM_2_20220923T041357_20220923T044049_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have be Altimeter Range Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have be Altimeter Range Quality, OCOG Altimeter Range SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter	CS_OFFL_SIR_GOPM_2_20220923T044214_20220923T044531_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
and the CCGG Altimeter Range and Backscatter Quality Stopensor or more records Special Committee Committe	CS_OFFL_SIR_GOPM_2_20220923T050109_20220923T050134_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
Backscatter Quality CS_OFFL_SIR_GOPM_2_20220923T056436_20220923T062655_C001 CS_OFFL_SIR_GOPM_2_20220923T056436_20220923T062655_C001 CS_OFFL_SIR_GOPM_2_20220923T063844_20220923T064104_C001 CS_OFFL_SIR_GOPM_2_20220923T063844_20220923T064104_C001 CS_OFFL_SIR_GOPM_2_20220923T071042_20220923T071506_C001 CS_OFFL_SIR_GOPM_2_20220923T071042_20220923T071506_C001 CS_OFFL_SIR_GOPM_2_20220923T071042_20220923T071506_C001 CS_OFFL_SIR_GOPM_2_20220923T072653_20220923T072612_C001 CS_OFFL_SIR_GOPM_2_20220923T073324_20220923T07506_C001 CS_OFFL_SIR_GOPM_2_20220923T073324_20220923T07506_C001 CS_OFFL_SIR_GOPM_2_20220923T07507_20220923T07506_C001 CS_OFFL_SIR_GOPM_2_20220923T07507_20220923T07506_C001 CS_OFFL_SIR_GOPM_2_20220923T07507_20220923T07506_C001 CS_OFFL_SIR_GOPM_2_20220923T07507_20220923T07506_C001 CS_OFFL_SIR_GOPM_2_20220923T07507_20220923T07506_C001 CS_OFFL_SIR_GOPM_2_20220923T07507_20220923T07506_C001 CS_OFFL_SIR_GOPM_2_20220923T07507_20220923T07506_C001 CS_OFFL_SIR_GOPM_2_20220923T07507_20220923T080832_C001 CS_OFFL_SIR_GOPM_2_20220923T07507_20220923T082243_C001 CS_OFFL_SIR_GOPM_2_20220923T08332_20220923T082243_C001 CS_OFFL_SIR_GOPM_2_20220923T08332_20220923T084316_C001 CS_OFFL_SIR_GOPM_2_20220923T08332_20220923T085458_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 CS_OFFL_SIR_GOPM_2_20220923T0845404_20220923T085458	CS_OFFL_SIR_GOPM_2_20220923T050910_20220923T053715_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have be after Range Range SSHA, SWH and Backscatter Quality Flags have be after Range Range SSHA, SWH and Backscatter Quality Flags have be after Range Range Range Range Range Altimeter Range Range Range Altimeter Range Range Altimeter Range Range Altimeter Range	CS_OFFL_SIR_GOPM_2_20220923T054112_20220923T054922_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have be after one or more records CS_OFFL_SIR_GOPM_2_20220923T071042_20220923T071506_C001 CS_OFFL_SIR_GOPM_2_20220923T072053_20220923T072612_C001 CS_OFFL_SIR_GOPM_2_20220923T072053_20220923T072612_C001 CS_OFFL_SIR_GOPM_2_20220923T073324_20220923T075421_C001 CS_OFFL_SIR_GOPM_2_20220923T073324_20220923T075421_C001 CS_OFFL_SIR_GOPM_2_20220923T075707_20220923T075421_C001 CS_OFFL_SIR_GOPM_2_20220923T075707_20220923T080832_C001 CS_OFFL_SIR_GOPM_2_20220923T075707_20220923T080832_C001 CS_OFFL_SIR_GOPM_2_20220923T081812_20220923T084316_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T084586_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T081233_20220923T07708. CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 CC_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 CC_OFFL_SIR_GOPM_2_20220923T084504_20220923	CS_OFFL_SIR_GOPM_2_20220923T055436_20220923T062655_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220923T072053_20220923T072612_C001 CS_OFFL_SIR_GOPM_2_20220923T073324_20220923T075421_C001 CS_OFFL_SIR_GOPM_2_20220923T073324_20220923T075421_C001 CS_OFFL_SIR_GOPM_2_20220923T073324_20220923T075421_C001 CS_OFFL_SIR_GOPM_2_20220923T075707_20220923T080832_C001 CS_OFFL_SIR_GOPM_2_20220923T075707_20220923T080832_C001 CS_OFFL_SIR_GOPM_2_20220923T081812_20220923T082243_C001 CS_OFFL_SIR_GOPM_2_20220923T081812_20220923T082243_C001 CS_OFFL_SIR_GOPM_2_20220923T083832_20220923T084316_C001 CS_OFFL_SIR_GOPM_2_20220923T083832_20220923T084316_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 CS_OFFL_SIR_GOPM_2_20220923T094504_20220923T085458_C001 CS_OFFL_SIR_GOPM_2_20220923T094504_20220923T094708_C001 CS_OFFL_SIR_GOPM_2_20220923T094504_20220923T094708_C001 CS_OFFL_SIR_GOPM_2_20220923T094504_20220923T094708_C001 CS_OFFL_SIR_GOPM_2_20220923T094504_20220923T094708_C001 CS_OFFL_SIR_GOPM_2_20220923T094504_20220923T094708_C001 CS_OFFL_SIR_GOPM_2_20220923T094504_20220923T094708	CS_OFFL_SIR_GOPM_2_20220923T063844_20220923T064104_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
Backscatter Quality CS_OFFL_SIR_GOPM_2_20220923T073324_20220923T075421_C001 Backscatter Quality CS_OFFL_SIR_GOPM_2_20220923T073324_20220923T075421_C001 CS_OFFL_SIR_GOPM_2_20220923T075707_20220923T080832_C001 CS_OFFL_SIR_GOPM_2_20220923T081812_20220923T080832_C001 CS_OFFL_SIR_GOPM_2_20220923T081812_20220923T082243_C001 CS_OFFL_SIR_GOPM_2_20220923T083832_20220923T084316_C001 CS_OFFL_SIR_GOPM_2_20220923T083832_20220923T084316_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 Backscatter Quality Coean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscat	CS_OFFL_SIR_GOPM_2_20220923T071042_20220923T071506_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T073324_20220923T075421_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have be Altimeter Range and Backscatter Quality Flags have be Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPM_2_20220923T081812_20220923T082243_C001 CS_OFFL_SIR_GOPM_2_20220923T083832_20220923T084316_C001 CS_OFFL_SIR_GOPM_2_20220923T083832_20220923T084316_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T091708_C001 Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have be set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG A	CS_OFFL_SIR_GOPM_2_20220923T072053_20220923T072612_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T075707_20220923T080832_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20220923T081812_20220923T082243_C001 CS_OFFL_SIR_GOPM_2_20220923T083832_20220923T084316_C001 CS_OFFL_SIR_GOPM_2_20220923T083832_20220923T084316_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 CS_OFFL_SIR_GOPM_2_20220923T091233_20220923T091708_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Alt	CS_OFFL_SIR_GOPM_2_20220923T073324_20220923T075421_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T081812_20220923T082243_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPM_2_20220923T083832_20220923T084316_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 CS_OFFL_SIR_GOPM_2_20220923T091233_20220923T091708_C001 and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter R	CS_OFFL_SIR_GOPM_2_20220923T075707_20220923T080832_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T083832_20220923T084316_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have be set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Rang	CS_OFFL_SIR_GOPM_2_20220923T081812_20220923T082243_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220923T091233_20220923T091708_C001	CS_OFFL_SIR_GOPM_2_20220923T083832_20220923T084316_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T091233_20220923T091708_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have be	CS_OFFL_SIR_GOPM_2_20220923T084504_20220923T085458_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
1	CS_OFFL_SIR_GOPM_2_20220923T091233_20220923T091708_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
	CS_OFFL_SIR_GOPM_2_20220923T091718_20220923T093957_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
	CS_OFFL_SIR_GOPM_2_20220923T094007_20220923T094831_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

CS_OFFL_SIR_GOPM_2_20220923T100133_20220923T100834_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_GOPM_2_20220923T100857_20220923T103252_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_GOPM_2_20220923T104227_20220923T104420_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_GOPM_2_20220923T104705_20220923T104857_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_GOPM_2_20220923T105204_20220923T105657_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_GOPM_2_20220923T110744_20220923T110842_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_GOPM_2_20220923T111228_20220923T111928_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_GOPM_2_20220923T113620_20220923T114036_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_GOPM_2_20220923T114147_20220923T115532_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_GOPM_2_20220923T120346_20220923T121430_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_GOPM_2_20220923T123121_20220923T123718_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_GOPM_2_20220923T123750_20220923T124511_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_GOPM_2_20220923T124817_20220923T130215_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_GOPM_2_20220923T132023_20220923T132221_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_GOPM_2_20220923T132829_20220923T133054_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_GOPM_2_20220923T133216_20220923T133704_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_GOPM_2_20220923T133942_20220923T135452_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_GOPM_2_20220923T135859_20220923T140740_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_GOPM_2_20220923T141112_20220923T143226_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_GOPM_2_20220923T150055_20220923T153433_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_GOPM_2_20220923T154106_20220923T154535_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_GOPM_2_20220923T155047_20220923T161437_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_GOPM_2_20220923T161629_20220923T161630_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_GOPM_2_20220923T162631_20220923T162806_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_GOPM_2_20220923T164413_20220923T164529_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_GOPM_2_20220923T164655_20220923T171238_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
	I	!

CS_OFFL_SIR_GOPM_2_20220923T172023_20220923T172614_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_GOPM_2_20220923T172943_20220923T174222_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_GOPM_2_20220923T174910_20220923T175445_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_GOPM_2_20220923T180517_20220923T180703_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_GOPM_2_20220923T181843_20220923T185201_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_GOPM_2_20220923T185931_20220923T190446_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T191127_20220923T191400_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T194212_20220923T194622_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_GOPM_2_20220923T195449_20220923T200735_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T201021_20220923T203136_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_GOPM_2_20220923T203812_20220923T203933_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_GOPM_2_20220923T203940_20220923T204347_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_GOPM_2_20220923T204909_20220923T205853_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T210041_20220923T210756_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T210838_20220923T211315_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T212230_20220923T212315_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_GOPM_2_20220923T213528_20220923T221002_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T221313_20220923T221832_C001	OCOG Altimeter Range Quality, OCOG	The OCOG Altimeter Range and Backscatter Quality Flags have been set
	Backscatter Quality	for one or more records
CS_OFFL_SIR_GOPM_2_20220923T221852_20220923T222134_C001	OCOG Altimeter Range Quality, OCOG	for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220923T221852_20220923T222134_C001 CS_OFFL_SIR_GOPM_2_20220923T222933_20220923T225942_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH	The OCOG Altimeter Range and Backscatter Quality Flags have been 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
	OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG	The OCOG Altimeter Range and Backscatter Quality Flags have been 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

L2 Quality Flags (20 Hz PLRM)

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

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

Number of products with errors:

95

Product	Test Failed	Description
CS OFFE SIR GOPN 2 202209231001028 202209231001411 C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records

COUNT ON DOWN 7 MEMBERS 1992 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1992 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1992 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1992 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1992 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1992 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1992 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1992 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1992 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1992 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1992 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1992 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1992 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1993 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1993 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1993 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1993 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1993 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1993 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1993 277 277 177 DE CYC. COUNT ON DOWN 7 MEMBERS 1993 277 2	CS_OFFL_SIR_GOPN_2_20220923T010344_20220923T010805_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records
CO. CHILLIEN, COPPLE JUZZASZI	CS_OFFL_SIR_GOPN_2_20220923T010817_20220923T011403_C001		
Column C	CS_OFFL_SIR_GOPN_2_20220923T013128_20220923T013551_C001		
CS_CFT_SR_GOPA_2_2020520100042_A020520_300062_C001 CS_CFT_SR_GOPA_2_2020520100002_A020520_300062_C001 CS_CFT_SR_GOPA_2_2	CS_OFFL_SIR_GOPN_2_20220923T015222_20220923T015526_C001	_	
CODE DESIGNATION CONTRIBUTION C	CS_OFFL_SIR_GOPN_2_20220923T022929_20220923T023238_C001		
DE CHE, SIR, SCHILL 2 AUZERSCHTUGGES AUZERSCHTUGGES, COST. CE_OFF_SIR, COPIL_2 AUZERSCHTUGGES, AUZERSCHTUGGES, COST. COGG A thereof Targe Custly FURAL. CE_OFF_SIR, COPIL_2 AUZERSCHTUGGES, AUZERSCHTUGGES, COST. COGG A thereof Targe Custly FURAL. CE_OFF_SIR, COPIL_2 AUZERSCHTUGGES, AUZERSCHTUGGES, COST. COGG A thereof Targe Custly FURAL. CE_OFF_SIR, COPIL_2 AUZERSCHTUGGES, AUZERSCHTUGGES, COST. CE_OFF_SIR, COPIL_2 AUZERSCHTUGGES, AUZERSCHTUGGE	CS_OFFL_SIR_GOPN_2_20220923T030824_20220923T030946_C001		
CS_OFFL_SIR_GOPFL_2::22226237563352_60226237503552_0021 CS_OFFL_SIR_GOPFL_2::22226237564352_60226223754510_OCD1 CS_OFFL_SIR_GOPFL_2::22226237564352_60226223754510_OCD1 CS_OFFL_SIR_GOPFL_2::22226237564352_60226223754510_OCD1 CS_OFFL_SIR_GOPFL_2::22226237564352_6022623754510_OCD1 CS_OFFL_SIR_GOPFL_2::22226237564352_6022623754510_OCD1 CS_OFFL_SIR_GOPFL_2::22226237564352_6022623756001_CD1 CS_OFFL_SIR_GOPFL_2::22226237564352_6022623756001_CD1 CS_OFFL_SIR_GOPFL_2::22226237560031_60263_60263 CS_OFFL_SIR_GOPFL_2::22226237560352_60263_60263 CS_OFFL_SIR_GOPFL_2::222226237564352_602623756364	CS_OFFL_SIR_GOPN_2_20220923T031026_20220923T031414_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CCC Beakscaster Caulity CCC OFFL SIR GOPN 2 20200022T04802 2020022T04810 COD1 CCC DEFL SIR GOPN 2 20200022T04802 2020022T04810 COD1 CCC DEFL SIR GOPN 2 20200022T04802 2020022T04810 COD1 CCC DEFL SIR GOPN 2 2020002T02888 2020022T02831 COD1 CCC DEFL SIR GOPN 2 2020002T02889 2020022T02831 COD1 CCC DEFL SIR GOPN 2 2020002T02889 2020022T02831 COD1 CCC DEFL SIR GOPN 2 2020002T02889 2020025T02831 COD1 CCC DEFL SIR GOPN 2 2020002T02889 2020025T02831 COD1 CCC DEFL SIR GOPN 2 2020002T0289 2020025T0283 COD1 CCC DEFL SIR GOPN 2 2020002T0287 2020025T0287 COD1 CCC DEFL S	CS_OFFL_SIR_GOPN_2_20220923T032409_20220923T032536_C001	_	
OCC Baddoscater Quality PLBM, OCCS ATTEMPT RANGE COLOR For the COURT Range and Baddoscater Quality PLBM, OCCS ATTEMPT RANGE COLOR For the COURT Range and Baddoscater Quality PLBM, OCCS ATTEMPT RANGE COLOR For the COURT Range and Baddoscater Quality PLBM, OCCS ATTEMPT RANGE COLOR For the COURT Range and Baddoscater Quality PLBM, OCCS ATTEMPT RANGE COLOR For the COURT Range and Baddoscater Quality PLBM, OCCS ATTEMPT RANGE COLOR For the COURT Range and Baddoscater Quality PLBM, OCCS ATTEMPT RANGE COLOR For the COURT Range and Baddoscater Quality PLBM, OCCS ATTEMPT RANGE COLOR For the COURT Range and Baddoscater Quality PLBM, OCCS ATTEMPT RANGE COLOR FOR the COURT Range and Baddoscater Quality PLBM, OCCS ATTEMPT RANGE COLOR For the COURT Range and Baddoscater Quality PLBM, OCCS ATTEMPT RANGE COLOR For the COURT Range and Baddoscater Quality PLBM, OCCS ATTEMPT RANGE COLOR FOR the COURT Range and Baddoscater Quality PLBM, OCCS ATTEMPT RANGE COLOR FOR THE COLOR	CS_OFFL_SIR_GOPN_2_20220923T033005_20220923T033358_C001		
CS_OFFL_SIR_GOPN_2_2022023T06201_2020023T06203_CO20 CS_OFFL_SIR_GOPN_2_2022023T06201_2020023T06203_CO20 CS_OFFL_SIR_GOPN_2_2022023T06201_2020023T06203_CO20 CS_OFFL_SIR_GOPN_2_2022023T06201_2020023T06203_CO20 CS_OFFL_SIR_GOPN_2_2022023T06201_2020023T06203_CO20 CS_OFFL_SIR_GOPN_2_2022023T06202_T0220023T06203_CO20 CS_OFFL_SIR_GOPN_2_2022023T06203_CO20023T06203_CO20 CS_OFFL_SIR_GOPN_2_20220223T06203_CO20023T06203_CO20 CS_OFFL_SIR_GOPN_2_20220223T06203_CO20023T06203_CO20 CS_OFFL_SIR_GOPN_2_20220223T06203_CO20023T06203_CO20 CS_OFFL_SIR_GOPN_2_20220223T06203_CO20023T06203_CO20 CS_OFFL_SIR_GOPN_2_20220223T06203_CO20023T06203_CO20 CS_OFFL_SIR_GOPN_2_20220223T06203_CO20023T06203_CO20 CS_OFFL_SIR_GOPN_2_20220223T06203_CO20023T06203_CO20 CS_OFFL_SIR_GOPN_2_20220223T06203_CO20023T06203_CO20 CS_OFFL_SIR_GOPN_2_20220223T06203_CO20023T06203_CO20 CS_OFFL_SIR_GOPN_2_20220223T06203_T06203_CO20023T06203_CO20 CCC_OFFL_SIR_GOPN_2_20220223T06203_T06203_CO2003_T06203_CO20 CCC_OFFL_SIR_GOPN_2_20220223T106203_CO20023T06203_CO20 CCC_OFFL_SIR_GOPN_2_20220223T106203_CO20023T06203_CO20	CS_OFFL_SIR_GOPN_2_20220923T044532_20220923T045107_C001		
OCOG Backscatter Quality CS_OFFL_SIR_GOPN_2_20220923T062997_20220923T083041_CO11 CS_OFFL_SIR_GOPN_2_20220923T064298_20220923T08400_CO11 CS_OFFL_SIR_GOPN_2_20220923T064298_20220923T08514 CO11 CS_OFFL_SIR_GOPN_2_20220923T064291_20220923T08514 CO11 CS_OFFL_SIR_GOPN_2_20220923T071927_20220923T08514 CO11 CS_OFFL_SIR_GOPN_2_20220923T071927_20220923T072555_CO11 CS_OFFL_SIR_GOPN_2_20220923T071927_20220923T072555_CO11 CS_OFFL_SIR_GOPN_2_20220923T071927_20220923T072555_CO11 CS_OFFL_SIR_GOPN_2_20220923T071927_20220923T072555_CO11 CS_OFFL_SIR_GOPN_2_20220923T071927_20220923T072555_CO11 CS_OFFL_SIR_GOPN_2_20220923T0709500_20220923T093531_CO11 CS_OFFL_SIR_GOPN_2_20220923T095000_30220923T093531_CO11 CS_OFFL_SIR_GOPN_2_20220923T095000_30220923T093531_CO11 CS_OFFL_SIR_GOPN_2_20220923T095000_30220923T093531_CO11 CS_OFFL_SIR_GOPN_2_20220923T095000_30220923T093531_CO11 CS_OFFL_SIR_GOPN_2_20220923T095000_30220923T09552_CO11 CS_OFFL_SIR_GOPN_2_20220923T095000_30220923T09552_CO11 CS_OFFL_SIR_GOPN_2_20220923T095000_30220923T09552_CO11 CS_OFFL_SIR_GOPN_2_20220923T095000_30220923T09552_CO11 CS_OFFL_SIR_GOPN_2_20220923T095000_30220923T09552_CO11 CS_OFFL_SIR_GOPN_2_20220923T0906705_20220923T09552_CO11 CCC_OFFL_SIR_GOPN_2_20220923T0906705_20220923T09552_CO11 CCC_OFFL_SIR_GOPN_2_20220923T0906705_20220923T09552_CO11 CCC_OFFL_SIR_GOPN_2_20220923T10906705_20220923T109560_CO10 CCC_OFFL_SIR_GOPN_2_20220923T1096705_20220923T109560_CO10 CCC_OFFL_SIR_GOPN_2_20220923T1096705_20220923T109560_CO1	CS_OFFL_SIR_GOPN_2_20220923T050018_20220923T050108_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCOG Backscatter Quality PLRM. CS_OFFL_SIR_GOPN_2_20220923T06428_20220923T08400_C001 OCOG Alimeter Range Quality PLRM. CS_OFFL_SIR_GOPN_2_20220923T064911 20220923T1085114 C001 Alimeter Range Backscatter Quality PLRM. CS_OFFL_SIR_GOPN_2_20220923T04911 20220923T085134 C001 CS_OFFL_SIR_GOPN_2_20220923T04927_20220923T079652_C001 OCOG Alimeter Range Quality PLRM. CS_OFFL_SIR_GOPN_2_20220923T08500 20220923T089831 C001 OCOG Alimeter Range Quality PLRM. CS_OFFL_SIR_GOPN_2_20220923T090513_20220923T090822_C001 OCOG Alimeter Range Quality PLRM. OCOG Backscatter Quality OCOG Alimeter Range Quality PLRM. OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Alimeter Range Quality PLRM. OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Alimeter Range Quality PLRM. OCOG Backscatter Quality PLRM. OCOG Alimeter Range Quality PLRM. OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Alimeter Range Quality PLRM. OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Alimeter Range Quality PLRM. OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Alimeter Range Quality PLRM. OCOG Range and Backscatter Quality Flags have been s	CS_OFFL_SIR_GOPN_2_20220923T062656_20220923T062831_C001		
OCOG Backscatter Quality CS_OFFL_SIR_GOPN_2_20220923T094911_20220923T09595_C001 CS_OFFL_SIR_GOPN_2_20220923T091927_20220923T09595_C001 CS_OFFL_SIR_GOPN_2_20220923T09595_20220923T09595_C001 CS_OFFL_SIR_GOPN_2_20220923T09595_20220923T09595_C001 CS_OFFL_SIR_GOPN_2_20220923T09595_20220923T09595_C001 CS_OFFL_SIR_GOPN_2_20220923T09595_20220923T09595_C001 CS_OFFL_SIR_GOPN_2_20220923T09595_20220923T09595_C001 CS_OFFL_SIR_GOPN_2_20220923T09595_20220923T09595_C001 CS_OFFL_SIR_GOPN_2_20220923T09595_20220923T09595_C001 CS_OFFL_SIR_GOPN_2_20220923T09595_20220923T09595_C001 CS_OFFL_SIR_GOPN_2_20220923T100067_20220923T100133_C001 CCC_OFFL_SIR_GOPN_2_20220923T100067_20220923T100133_C001 CCC_OFFL_SIR_GOPN_2_20220923T100067_20220923T100133_C001 CCC_OFFL_SIR_GOPN_2_20220923T100067_20220923T100133_C001 CCC_OFFL_SIR_GOPN_2_20220923T100067_20220923T100067_200067_2000067_200067_2000067_200	CS_OFFL_SIR_GOPN_2_20220923T062907_20220923T063041_C001		
OCS OFFL SIR GOPN 2 20220923T08911 20220923T09053 CO01 OCS OFFL SIR GOPN 2 20220923T085500 20220923T090583 CO01 OCS OFFL SIR GOPN 2 20220923T085500 20220923T090587 CO01 OCS OFFL SIR GOPN 2 20220923T090513 20220923T090587 CO01 OCS OFFL SIR GOPN 2 20220923T090575 20220923T090587 CO01 OCS OFFL SIR GOPN 2 20220923T100047 20220923T100133 CO01 OCS OFFL SIR GOPN 2 20220923T100047 20220923T100426 CO01 OCS OFFL SIR GOPN 2 20220923T100047 20220923T100426 CO01 OCS OFFL SIR GOPN 2 20220923T100047 20220923T100426 CO01 OCS OFFL SIR GOPN 2 20220923T100047 20220923T1000426 CO01 OCS OFFL SIR GOPN 2 20220923T100047 20220923T1000426 CO01 OCS OFFL SIR GOPN 2 20220923T100047 20220923T1000426 CO01 OCS OFFL SIR GOPN 2 20220923T100047 20220923T100045 CO01 OCS OFFL SIR GOPN 2 20220923T100047 20220923T100045 CO01 OCS OFFL SIR GOPN 2 20220923T100047 20220923T100045 CO01 OCS OFFL SIR GOPN 3 20220923T100047 CO01 OCS OFFL SIR GOPN 3 20220923T100047 CO01 OCS OFFL SIR GOPN 3 20220923T100047 CO01 OCS O	CS_OFFL_SIR_GOPN_2_20220923T064238_20220923T064400_C001		
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CS_OFFL_SIR_GOPN_2_20220923T090513_20220923T090847_C001 CS_OFFL_SIR_GOPN_2_20220923T090513_20220923T090847_C001 CS_OFFL_SIR_GOPN_2_20220923T0905755_20220923T090847_C001 CS_OFFL_SIR_GOPN_2_20220923T0905755_20220923T090842_C001 CS_OFFL_SIR_GOPN_2_20220923T10047_20220923T10133_C001 CS_OFFL_SIR_GOPN_2_20220923T10047_20220923T10133_C001 CS_OFFL_SIR_GOPN_2_20220923T100952_20220923T10133_C001 CS_OFFL_SIR_GOPN_2_20220923T103952_20220923T104226_C001 CS_OFFL_SIR_GOPN_2_20220923T103952_20220923T104226_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T104226_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CCG_G Altimeter Range Quality PLRM, COGG Range and Backscatter Quality Flags have been set for one or more records The OCGG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220923T120346_C001 CCG_G Altimeter Range Quality PLRM, COGG Range and Backscatter Quality Flags have been set for one or more records The OCGG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220923T130927_20220923T13007_C001 CCG_G Altimeter Range Quality PLRM, COGG Range and Backscatter Quality Flags have been set for one or more records CCG_G Altimeter Range Quality PLRM, COGG Range and Backscatter Quality Flags have been set for one or more records CCG_G Altimeter Range Quality PLRM, COGG Range and Backscatter Quality Flags have been set for one or more records CCG_G Altimeter Range Quality PLRM, COGG Range and Backscatter Quality Flags have been set for one or more records CCG_G Altimeter Range Quality PLRM, COGG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPN_2_20220923T071927_20220923T072053_C001		
CS_OFFL_SIR_GOPN_2_20220923T10047_20220923T100133_C001 CS_OFFL_SIR_GOPN_2_20220923T10047_20220923T100133_C001 CS_OFFL_SIR_GOPN_2_20220923T10047_20220923T100133_C001 CS_OFFL_SIR_GOPN_2_20220923T10047_20220923T100133_C001 CS_OFFL_SIR_GOPN_2_20220923T10047_20220923T100133_C001 CS_OFFL_SIR_GOPN_2_20220923T10047_20220923T100133_C001 CS_OFFL_SIR_GOPN_2_20220923T10047_20220923T100133_C001 CS_OFFL_SIR_GOPN_2_20220923T10047_20220923T100133_C001 CS_OFFL_SIR_GOPN_2_20220923T10047_20220923T100426_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120307_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120307_C001 CS_OFFL_SIR_GOPN_2_20220923T130927_20220923T131025_C001 CCG_Altimeter Range_Quality PLRM_OCG_Backscatter Quality Flags have been set for one or more records CCG_Altimeter Range_Quality PLRM_OCG_Backscatter Quality Flags have been set for one or more records CCG_Altimeter Range_Quality PLRM_OCG_Backscatter Quality Flags have been set for one or more records CCG_Altimeter Range_Quality PLRM. CCG_Backscatter Quality Flags have been set for one or more records CCG_Altimeter Range_Quality PLRM. CCG_GRange and Backscatter Quality Flags have been set for one or more records CCG_GAltimeter Range_Quality PLRM. CCG_GRange and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPN_2_20220923T083500_20220923T083831_C001		
CS_OFFL_SIR_GOPN_2_20220923T100047_20220923T100133_C001 CS_OFFL_SIR_GOPN_2_20220923T100047_20220923T100133_C001 CS_OFFL_SIR_GOPN_2_20220923T100047_20220923T100133_C001 CS_OFFL_SIR_GOPN_2_20220923T103952_20220923T100133_C001 CS_OFFL_SIR_GOPN_2_20220923T103952_20220923T104226_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T12007_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T12007_C001 CCG_Altimeter Range Quality PLRM, OCG_Backscatter Quality CCG_Backscatter Quality The OCG_Gange and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220923T130927_20220923T131025_C001 CCG_Altimeter Range Quality PLRM, OCG_Gange and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220923T130927_20220923T131025_C001 CCG_Altimeter Range Quality PLRM, OCG_Gange and Backscatter Quality Flags have been set for one or more records CCG_GAltimeter Range Quality PLRM, OCG_Gange and Backscatter Quality Flags have been set for one or more records CCG_GAltimeter Range Quality PLRM, OCG_Gange and Backscatter Quality Flags have been set for one or more records CCG_GAltimeter Range Quality PLRM, OCG_Gange and Backscatter Quality Flags have been set for one or more records CCG_GAltimeter Range Quality PLRM, OCG_Gange and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPN_2_20220923T090513_20220923T090847_C001	_	
CS_OFFL_SIR_GOPN_2_20220923T100147_20220923T104226_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T104226_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120307_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120007_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120007_C001 CS_OFFL_SIR_GOPN_2_20220923T12007_20020923T131025_C001 CS_OFFL_SIR_GOPN_2_20220923T130927_20220923T131025_C001 CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132023_C001 CCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132023_C001 OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPN_2_20220923T095755_20220923T095829_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001 CS_OFFL_SIR_GOPN_2_20220923T122829_20220923T123007_C001 CS_OFFL_SIR_GOPN_2_20220923T122829_20220923T123007_C001 CS_OFFL_SIR_GOPN_2_20220923T130927_20220923T131025_C001 CS_OFFL_SIR_GOPN_2_20220923T130927_20220923T131025_C001 CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132023_C001 CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132023_C001 CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132023_C001 CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132033_C001 CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132033_C001 CCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132033_C001 CCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132033_C001 CCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220923T132222_20220923T132333_C001 CCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPN_2_20220923T100047_20220923T100133_C001		
CS_OFFL_SIR_GOPN_2_20220923T122829_20220923T123007_C001 CS_OFFL_SIR_GOPN_2_20220923T122829_20220923T123007_C001 CS_OFFL_SIR_GOPN_2_20220923T130927_20220923T131025_C001 CS_OFFL_SIR_GOPN_2_20220923T130927_20220923T131025_C001 CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132023_C001 CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132023_C001 CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132023_C001 CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132023_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records The OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132023_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPN_2_20220923T103952_20220923T104226_C001	_	
CS_OFFL_SIR_GOPN_2_20220923T132027_C001 OCOG Backscatter Quality OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132023_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPN_2_20220923T120240_20220923T120346_C001		
CS_OFFL_SIR_GOPN_2_20220923T131025_C001 OCOG Backscatter Quality OCOG Backscatter Quality OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPN_2_20220923T122829_20220923T123007_C001	_	
CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132023_C001 OCOG Backscatter Quality OCOG Backscatter Quality More records OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_GOPN_2_20220923T130927_20220923T131025_C001		
CS OFFI SIR GOPN 7 707700731137777 707700731137343 COO	CS_OFFL_SIR_GOPN_2_20220923T131754_20220923T132023_C001	•	
	CS_OFFL_SIR_GOPN_2_20220923T132222_20220923T132343_C001	_	

CS_OFFL_SIR_GOPN_2_20220923T133054_20220923T133216_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_GOPN_2_20220923T133705_20220923T133941_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_GOPN_2_20220923T143338_20220923T143350_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_GOPN_2_20220923T143419_20220923T143728_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_GOPN_2_20220923T145344_20220923T145832_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_GOPN_2_20220923T145933_20220923T150055_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220923T153654_20220923T153819_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_GOPN_2_20220923T154536_20220923T154756_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_GOPN_2_20220923T161815_20220923T161920_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_GOPN_2_20220923T162556_20220923T162630_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_GOPN_2_20220923T180238_20220923T180334_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_GOPN_2_20220923T193708_20220923T193855_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_GOPN_2_20220923T194049_20220923T194212_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_GOPN_2_20220923T203358_20220923T203812_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_GOPN_2_20220923T210756_20220923T210838_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_GOPN_2_20220923T212322_20220923T212725_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_GOPN_2_20220923T221142_20220923T221313_C001	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_GOPN_2_20220923T222135_20220923T222319_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_GOPN_2_20220923T230528_20220923T230621_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_GOPN_2_20220923T231203_20220923T231220_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_GOPR_2_20220922T235708_20220923T000443_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_GOPR_2_20220923T002405_20220923T002618_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_GOPR_2_20220923T005820_20220923T010051_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_GOPR_2_20220923T013552_20220923T014311_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_GOPR_2_20220923T015645_20220923T020045_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_GOPR_2_20220923T031415_20220923T032148_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_GOPR_2_20220923T041132_20220923T041356_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_GOPR_2_20220923T045108_20220923T045848_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_GOPR_2_20220923T050818_20220923T050910_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_GOPR_2_20220923T053715_20220923T053948_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_GOPR_2_20220923T055036_20220923T055436_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_GOPR_2_20220923T063041_20220923T063704_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_GOPR_2_20220923T064208_20220923T064238_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_GOPR_2_20220923T064401_20220923T064427_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_GOPR_2_20220923T071507_20220923T071927_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_GOPR_2_20220923T072920_20220923T073324_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_GOPR_2_20220923T080832_20220923T081604_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_GOPR_2_20220923T085458_20220923T085911_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_GOPR_2_20220923T090847_20220923T091233_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_GOPR_2_20220923T103252_20220923T103952_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_GOPR_2_20220923T105044_20220923T105204_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_GOPR_2_20220923T105657_20220923T105751_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_GOPR_2_20220923T112744_20220923T113344_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_GOPR_2_20220923T115532_20220923T115718_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_GOPR_2_20220923T115726_20220923T115907_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_GOPR_2_20220923T115909_20220923T115940_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_GOPR_2_20220923T130747_20220923T130927_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_GOPR_2_20220923T131025_20220923T131112_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_GOPR_2_20220923T131112_20220923T131430_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_GOPR_2_20220923T140948_20220923T141111_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_GOPR_2_20220923T143226_20220923T143312_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_GOPR_2_20220923T144735_20220923T144823_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_GOPR_2_20220923T144832_20220923T145344_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_GOPR_2_20220923T153433_20220923T153654_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_GOPR_2_20220923T154757_20220923T155047_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_GOPR_2_20220923T162844_20220923T163413_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_GOPR_2_20220923T175701_20220923T175846_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_GOPR_2_20220923T180755_20220923T181547_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_GOPR_2_20220923T181648_20220923T181729_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_GOPR_2_20220923T185201_20220923T185618_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

L2 Quality Flags (1 Hz & 1 Hz PLRM)

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

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

Number of products with errors:

201

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.

Number of products with errors:

69

147

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 GOPR and GOPN products over sea ice, but this is to be expected.

Number of products with errors:

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

6.1 P2P Product Format Check

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

Number of products with errors:

0

6.2 P2P Product Header Analysis

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

Number of products with errors:

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).

0

Currently, there are some common auxiliary correction errors raised in the Level 2 products that are expected, due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues that 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.
- > Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.

Number of products with errors: 29

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220220922T235844_20220923T004821_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) for one or more records
CS_OFFL_SIR_GOP_220220923T004821_20220923T013758_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T013758_20220923T022736_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

CS_OFFL_SIR_GOP_220220923T022736_20220923T031713_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T031713_20220923T040651_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T040651_20220923T045628_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T045628_20220923T054605_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T054605_20220923T063543_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T063543_20220923T072520_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T072520_20220923T081457_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T081457_20220923T090435_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T090435_20220923T095412_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T095412_20220923T104349_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T104349_20220923T113326_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T113326_20220923T122304_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_220220923T122304_20220923T131241_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20220923T131241_20220923T140219_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T140219_20220923T145156_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_220220923T145156_20220923T154133_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T154133_20220923T163111_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T163111_20220923T172048_C001	THOE (FES). NON-EQUIDONUM FONG FENOG	(solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height
CS_OFFL_SIR_GOP_220220923T172048_20220923T181025_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T181025_20220923T190003_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T190003_20220923T194940_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_220220923T194940_20220923T203917_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T203917_20220923T212855_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_220220923T212855_20220923T221832_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T221832_20220923T230809_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220220923T230809_20220923T235747_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220220923T140219_20220923T145156_C001	Power scaling error	There is an error in the scaling of the L2 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.

Number of products with errors: 30

P2P Quality Flags (20 Hz PLRM)

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

Number of products with errors: 28

P2P Quality Flags (1 Hz & 1 Hz PLRM)

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

Number of products with errors: 29

6.8 P2P Ocean Retracking Quality Check

P2P Retracking Flags (20 Hz)

Cryosat P2P data includes an ocean retracking quality flag (field 19) for each 20 Hz measurement record. The bit value of this flag indicates any problems when set.

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

Number of products with errors: 28

P2P Retracking Flags PLRM

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

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

29

Number of products with errors: