

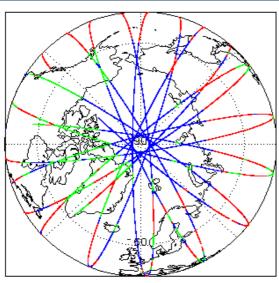
1. Overview

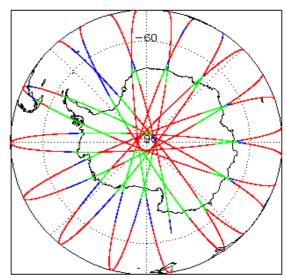
Report Production:	11-Feb-2022	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data	

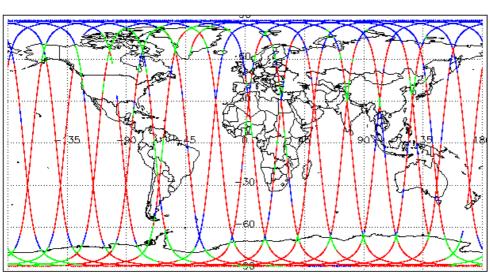
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary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

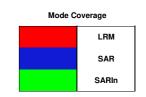
Mi	ission / Instru	ment News
	11-Jan-2022	None
	12-Jan-2022	None
	13-Jan-2022	Nothing planned

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:

0

4.5 L1B Measurement Confidence Data Check

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

Attitude Correction Missing: This flag is currently set in error for 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:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20220112T124028_20220112T124230_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.

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20220112T005448_20220112T010652_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220112T071435_20220112T071527_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220112T123237_20220112T124026_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220112T131504_20220112T131851_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20220112T173216_20220112T175820_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220112T004725_20220112T004955_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220112T022352_20220112T022613_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220112T113024_20220112T113208_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220112T121020_20220112T121415_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220112T121432_20220112T121601_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220112T122856_20220112T123237_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220112T130849_20220112T131503_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220112T135045_20220112T135452_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220112T170341_20220112T171009_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220112T203630_20220112T203721_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20220112T235356_20220112T235516_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20220112T005221_20220112T005447_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20220112T084425_20220112T084544_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20220112T084858_20220112T085343_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20220112T095424_20220112T095510_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20220112T113208_20220112T113906_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20220112T134723_20220112T134939_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20220112T190927_20220112T191052_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20220112T225146_20220112T225845_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:

0

5.2 L2 Product Header Analysis

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

Number of products with errors:

0

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

0

5.4 L2 Auxiliary Correction Error Check

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

Currently, there are some common auxiliary correction errors raised in the Level 2 products 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:

Test Failed Product There is an error with the Mean Dynamic Topography (solution 1) for one CS OFFL SIR GOPM 2 20220112T035453 20220112T035512 C001 Mean Dynamic Topography (1) or more records There is an error with the Mean Dynamic Topography (solution 1) for one CS_OFFL_SIR_GOPM_2_20220112T190825_20220112T190842_C001 Mean Dynamic Topography (1) or more records There is an error with the Mean Dynamic Topography (solution 1) for one CS OFFL SIR GOPM 2 20220112T231642 20220112T232737 C001 Mean Dynamic Topography (1) or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1), the Mean Dynamic CS OFFL SIR GOPN 2 20220112T004428 20220112T004542 C001 Topography (1), Total Geocentric Ocean Topography height (solution 1) and the Total Geocentric Ocean Tide Tide (GOT) height (solution 1: GOT) for one or more records Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) There is an error with the Mean Dynamic Topography (solution 1) and the CS_OFFL_SIR_GOPN_2_20220112T004725_20220112T004955_C001 Total Geocentric Ocean Tide (solution 1: GOT) for one or more records There is an error with the Mean Dynamic Topography (solution 1) for one CS OFFL SIR GOPN 2 20220112T012416 20220112T013014 C001 Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1), the Mean Dynamic CS OFFL SIR GOPN 2 20220112T022352 20220112T022613 C001 Topography (1), Total Geocentric Ocean Topography height (solution 1) and the Total Geocentric Ocean Tide Tide (GOT) height (solution 1: GOT) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS OFFL SIR GOPN 2 20220112T030632 20220112T030823 C001 Topography height (solution 1) for one or more records Topography (1) Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_20220112T040332_20220112T040809_C001 Topography (1) Topography height (solution 1) for one or more records There is an error with the Mean Dynamic Topography (solution 1) for one CS OFFL SIR GOPN 2 20220112T044612 20220112T044749 C001 Mean Dynamic Topography (1) or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Mean Sea Surface (1), Mean Dynamic CS OFFL SIR GOPN 2 20220112T062602 20220112T062949 C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_20220112T080538_20220112T080854_C001 Topography (1) Topography height (solution 1) for one or more records CS OFFL SIR GOPN 2 20220112T085632 20220112T085720 C001 Mean Sea Surface (1) There is an error with the MSS height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_20220112T095317_20220112T095424_C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS OFFL SIR GOPN 2 20220112T103531 20220112T103648 C001 Topography height (solution 1) for one or more records Topography (1) There is an error with the Mean Dynamic Topography (solution 1) for one CS_OFFL_SIR_GOPN_2_20220112T121020_20220112T121415_C001 Mean Dynamic Topography (1) or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_20220112T121432_20220112T121601_C001 Topography (1) Topography height (solution 1) for one or more records GPD Wet Tropospheric Correction, There is an error with the GPD Wet Tropospheric correction, the MSS CS OFFL SIR GOPN 2 20220112T130849 20220112T131503 C001 Mean Sea Surface (1), Mean Dynamic height (solution 1) and the Mean Dynamic Topography height (solution 1) Topography (1) for one or more records There is an error with the GPD Wet Tropospheric correction for one or CS OFFL SIR GOPN 2 20220112T132656 20220112T133258 C001 GPD Wet Tropospheric Correction more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS OFFL SIR GOPN 2 20220112T135045 20220112T135452 C001 Topography height (solution 1) for one or more records Topography (1) Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_20220112T144807_20220112T145129_C001 Topography height (solution 1) for one or more records Topography (1) There is an error with the Mean Dynamic Topography (solution 1) for one CS_OFFL_SIR_GOPN_2_20220112T152926_20220112T153315_C001 Mean Dynamic Topography (1) or more records aru wet tropospi There is an error with the GPD Wet Tropospheric correction, the Inverse Inverse Barometric Correction, Mean Sea Surface (1), Mean Dynamic Barometric Correction, the MSS height (solution 1), the Mean Dynamic CS OFFL SIR GOPN 2 20220112T170341 20220112T171009 C001 Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 1: GOT and 2: FES) and the Non-Equilibrium Long Period Ocean Tide (FES), Non-Equilibrium Long Period There is an error with the Mean Dynamic Topography (solution 1) for one CS_OFFL_SIR_GOPN_2_20220112T180816_20220112T180935_C001 Mean Dynamic Topography (1) or more records There is an error with the Mean Dynamic Topography (solution 1) for one CS OFFL SIR GOPN 2 20220112T193818 20220112T193944 C001 Mean Dynamic Topography (1) or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Mean Sea Surface (1), Mean Dynamic CS_OFFL_SIR_GOPN_2_20220112T194508_20220112T194819_C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1), the Mean Dynamic CS_OFFL_SIR_GOPN_2_20220112T204109_20220112T204243_C001 Topography (1), Total Geocentric Ocean Topography height (solution 1) and the Total Geocentric Ocean Tide Tide (GOT) height (solution 1: GOT) for one or more records There is an error with the Mean Dynamic Topography (solution 1) for one CS OFFL SIR GOPN 2 20220112T211759 20220112T211914 C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Mean Sea Surface (1), Mean Dynamic CS OFFL SIR GOPN 2 20220112T212408 20220112T212734 C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS OFFL SIR GOPN 2 20220112T225845 20220112T230121 C001 Topography (1) Topography height (solution 1) for one or more records

CS_OFFL_SIR_GOPN_2_20220112T235356_20220112T235516_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_GOPR_2_20220112T003756_20220112T004251_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_20220112T004251_20220112T004428_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_20220112T021742_20220112T022352_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_20220112T035916_20220112T040332_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_20220112T053630_20220112T054416_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_20220112T071700_20220112T072500_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_20220112T084858_20220112T085343_C001	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_20220112T085720_20220112T090732_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_20220112T103649_20220112T104414_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_20220112T121601_20220112T122121_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_20220112T135453_20220112T135655_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_20220112T135655_20220112T140200_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_20220112T153315_20220112T153834_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_20220112T171009_20220112T171906_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_20220112T184937_20220112T185519_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_20220112T185519_20220112T185900_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_20220112T190050_20220112T190257_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_20220112T190710_20220112T190825_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_20220112T202512_20220112T203500_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_20220112T203500_20220112T203630_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_20220112T220728_20220112T221359_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_20220112T221359_20220112T221933_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_20220112T234641_20220112T235135_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_20220112T235135_20220112T235355_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_20220112T124028_20220112T124230_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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Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20220112T000027_20220112T001611_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_20220112T001814_20220112T002735_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_20220112T004955_20220112T005221_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_20220112T005448_20220112T010652_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_20220112T013014_20220112T013311_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_20220112T014003_20220112T015441_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_20220112T020741_20220112T020801_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_20220112T023310_20220112T023859_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_20220112T024008_20220112T024021_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_20220112T024143_20220112T024253_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_20220112T024256_20220112T030551_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_20220112T030823_20220112T031652_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_20220112T031921_20220112T034501_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_20220112T041958_20220112T044407_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_20220112T045036_20220112T045453_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_20220112T045810_20220112T052557_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_20220112T052600_20220112T052802_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_20220112T053559_20220112T053630_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_20220112T055107_20220112T062320_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_20220112T062949_20220112T063534_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_20220112T063658_20220112T064315_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_20220112T065600_20220112T065616_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_20220112T071435_20220112T071527_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_20220112T072846_20220112T080309_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_20220112T080855_20220112T081407_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_20220112T081604_20220112T083532_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_20220112T090732_20220112T093605_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_20220112T094655_20220112T094855_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_20220112T094902_20220112T095317_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_20220112T095510_20220112T095623_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_20220112T095636_20220112T102244_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_20220112T102414_20220112T103116_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_20220112T104826_20220112T104954_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_20220112T105046_20220112T105922_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_20220112T110310_20220112T110547_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_20220112T110550_20220112T111238_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_20220112T111413_20220112T112059_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_20220112T112233_20220112T112755_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_20220112T112801_20220112T112807_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_20220112T112814_20220112T113024_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_20220112T113906_20220112T115130_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_20220112T115311_20220112T120159_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_20220112T120326_20220112T121020_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_20220112T121415_20220112T121431_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_20220112T122337_20220112T122350_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_20220112T122746_20220112T122856_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_20220112T123237_20220112T124026_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_20220112T124028_20220112T124230_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_20220112T124433_20220112T125144_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_20220112T125306_20220112T125951_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_20220112T130200_20220112T130655_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_20220112T131504_20220112T131851_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_20220112T133259_20220112T134148_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_20220112T142313_20220112T143858_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_20220112T144140_20220112T144624_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_20220112T144630_20220112T144639_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_20220112T145237_20220112T151939_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_20220112T152839_20220112T152925_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_20220112T155235_20220112T161842_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_20220112T162127_20220112T162525_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_20220112T163134_20220112T165908_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_20220112T172748_20220112T173025_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_20220112T173216_20220112T175820_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_20220112T175955_20220112T180439_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_20220112T181214_20220112T184607_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_20220112T185901_20220112T190050_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_20220112T191052_20220112T191220_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_20220112T193043_20220112T193253_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_20220112T193452_20220112T193745_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_20220112T193945_20220112T194508_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_20220112T195058_20220112T201315_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_20220112T201601_20220112T202512_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_20220112T203747_20220112T204109_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_20220112T205716_20220112T210300_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_20220112T210355_20220112T211709_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_20220112T211914_20220112T212408_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_20220112T213016_20220112T220238_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_20220112T222448_20220112T222718_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_20220112T222848_20220112T225146_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_COPM_2_202201127121642_202201127123855_C001 All number Range, SSHA_SWH and Sederated Auslay Flags have been self or one or more records. CS_OFFL_SIR_COPM_2_202201127123856_20001 CS_OFFL_SIR_COPM_2_202201127123464_202201127123855_C001 CS_OFFL_SIR_COPM_2_202201127123464_2022011271234564_C001 CS_OFFL_SIR_COPM_2_202201127123464_2022011271234564_C001 CS_OFFL_SIR_COPM_2_202201127123464_2022011271234564_C001 CS_OFFL_SIR_COPM_2_2022011271234544_2022011271234564_C001 CS_OFFL_SIR_COPM_2_2022011271234564_2022011271234564_C001 CS_OFFL_SIR_COPM_2_202201127123456_2022011271234564_C001 CS_OFFL_SIR_COPM_2_2022011271234564_2022011271234564_C001 CS_OFFL_SIR_COPM_2_2022011271236614_2022011271234564_C001 CS_OFFL_SIR_COPM_2_2022011271236614_202201127123662_C001 CS_OFFL_SIR_COPM_2_2022011271236614_202201127123668_C001 CS_OFFL_SIR_COPM_2_2022011271236614_202201127123668_C001 CS_OFFL_SIR_COPM_2_202201127123668_202201127123668_C001 CS_OFFL_SIR_COPM_2_202201127123668_202201127123668_C001 CS_OFFL_SIR_COPM_2_202201127123668_202201127123668_C001 CS_OFFL_SIR_COPM_2_202201127123668_202201127123668_C001 CS_OFFL_SIR_COPM_2_202201127123668_202201127123668_C001 CS_OFFL_SIR_COPM_2_202201127123668_202201127123668_C001 CS_OFFL_SIR_COPM_2_202201127123668_202201127123668_C001 CS_OFFL_SIR_COPM_2_202201127136688_202201127123688_C001 CS_OFFL_SIR_COPM_2_202201127136688_202201127123688_C001 CS_OFFL_SIR_COPM_2_202201127136688_202201127123688_C001 CS_OFFL_SIR_COPM_2_202201127136688_202201127123688_C001 CS_OFFL_SIR_COPM_2_202201127136688_202201127123688_C001 CS_OFFL_SIR_COPM_2_202201127136888_202201127123688_C001 CS_OFFL_SIR_COPM_2_202201127136888_202201127123688_C001 CS_OFFL_SIR_COPM_2_202201127136888_202201127136888_20201 CS_OFFL_SIR_COPM_2_202201127136888_202201127136888_20201 CS_OFFL_SIR_COPM_2_202201127136888_202201127136888_20201 CS_OFFL_SIR_COPM_2_202201127136888_202201127136888_202201127136888_20201 CS_OFFL_SIR_COPM_2_202201127136888_202201127136888_20201 CS_OFFL_SIR_COPM_2_202201127136888_202201127136888	CS_OFFL_SIR_GOPM_2_20220112T230951_20220112T231618_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
and the OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20220112T234054_20220112T234054_C001 CS_OFFL_SIR_GOPM_2_20220112T234054_20220112T234054_C001 CS_OFFL_SIR_GOPM_2_20220112T234054_20220112T234054_C001 CS_OFFL_SIR_GOPM_2_20220112T234054_20220112T234054_C001 CS_OFFL_SIR_GOPM_2_20220112T234052_20220112T234054_C001 CS_OFFL_SIR_GOPM_2_20220112T234052_20220112T234054_C001 CS_OFFL_SIR_GOPM_2_20220112T234052_20220112T234054_C001 CS_OFFL_SIR_GOPM_2_20220112T234052_20220112T03014_C001 CS_OFFL_SIR_GOPM_2_20220112T03012_20220112T03014_C001 CS_OFFL_SIR_GOPM_2_20220112T03012_20220112T03014_C001 CS_OFFL_SIR_GOPM_2_20220112T03012_20220112T03014_C001 CS_OFFL_SIR_GOPM_2_20220112T03012_20220112T03014_C001 CS_OFFL_SIR_GOPM_2_20220112T03012_20220112T03014_C001 CS_OFFL_SIR_GOPM_2_20220112T03012_20220112T03014_C001 CS_OFFL_SIR_GOPM_2_20220112T03012_20220112T03014_C001 CS_OFFL_SIR_GOPM_2_20220112T03012_20220112T03014_C001 CS_OFFL_SIR_GOPM_2_20220112T03014_C00201 CS_OFFL_SIR_GOPM_2_20220112T03014_C00201 CS_OFFL_SIR_GOPM_2_20220112T03014_C00201 CS_OFFL_SIR_GOPM_2_20220112T185032_20220112T03014_C001 CS_OFFL_SIR_GOPM_2_20220112T185032_20220112T03024_C001 CS_OFFL_SIR_GOPM_2_20220112T185032_20220112T185235_C001 CS_OFFL_SIR_GOPM_2_20220112T185032_20220112T185235_C001 CS_OFFL_SIR_GOPM_2_20220112T185032_20220112T185235_C001 CS_OFFL_SIR_GOPM_2_20220112T185035_20220112T185245_C001 CS_OFFL_SIR_GOPM_2_20220112T185035_20220112T185245_C001 CS_OFFL_SIR_GOPM_2_20220112T1254606_20220112T185245_C001 CS_OFFL_SIR_GOPM_2_20220112T1254606_20220112T185445_C001 CS_OFFL_SIR_GOPM_2_20220112T1254606_20220112T185445_C001 CS_OFFL_SIR_GOPM_2_20220112T125365_20220112T185445_C001 CS_OFFL_SIR_GOPM_2_20220112T125365_20220112T185445_C001 CS_OFFL_SIR_GOPM_2_20220112T125365_20220112T185445_C001 CS_OFFL_SIR_GOPM_2_20220112T125365_20220112T185445_C001 CS_OFFL_SIR_GOPM_2_20220112T125365_20220112T185445_C001 CS_OFFL_SIR_GOPM_2_20220112T125365_20220112T185445_C001 CS_OFFL_SIR_G	CS_OFFL_SIR_GOPM_2_20220112T231642_20220112T232737_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_GOPM_2_202201127244534_202201127254536_0001 CS_OFFL_SIR_GOPM_2_202201127234534_202201127254536_0001 CS_OFFL_SIR_GOPM_2_202201127234538_202201127254540_0001 CS_OFFL_SIR_GOPM_2_202201127234538_20220112725525_0001 CS_OFFL_SIR_GOPM_2_20220112703112703014_0001 CS_OFFL_SIR_GOPM_2_20220112703112703014_0001 CS_OFFL_SIR_GOPM_2_20220112703112703014_0001 CS_OFFL_SIR_GOPM_2_20220112703112703014_0001 CS_OFFL_SIR_GOPM_2_20220112703112703014_0001 CS_OFFL_SIR_GOPM_2_20220112703112703014_0001 CS_OFFL_SIR_GOPM_2_20220112703112703014_0001 CS_OFFL_SIR_GOPM_2_20220112703112703014_0001 CS_OFFL_SIR_GOPM_2_2022011270301312_0001 CS_OFFL_SIR_GOPM_2_2022011270301312_0001 CS_OFFL_SIR_GOPM_2_20220112703038_202201127030315_0001 CS_OFFL_SIR_GOPM_2_20220112703038_202201127030355_0001 CS_OFFL_SIR_GOPM_2_20220112703038_202201127030355_0001 CS_OFFL_SIR_GOPM_2_202201127165032_202201127165035_0001 CS_OFFL_SIR_GOPM_2_202201127165032_202201127165245_0001 CS_OFFL_SIR_GOPM_2_202201127165032_202201127165245_0001 CS_OFFL_SIR_GOPM_2_202201127165036_202201127162545_0001 CS_OFFL_SIR_GOPM_2_202201127162539_202201127162645_0001 CS_OFFL_SIR_GOPM_2_202201127162539_2022011271620626_00010127165002_00010127165000_000010127165000_000010127165000_000010127165000_000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000_0000010127165000000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20220112T233218_20220112T233955_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality for one or more records CS_OFFL_SIR_GOPM_2_20220112T234528_20220112T234540_C001 Backscatter Quality for one or more records The COCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records The COCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records The COCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220112T012416_20220112T03014_C001 Backscatter Quality, COCG_Altimeter Range Quality, COCG_BACK_ALTIMETER Range Quality, COCG_	CS_OFFL_SIR_GOPM_2_20220112T234045_20220112T234054_C001		
Backscatter Quality CS_OFFL_SIR_GOPN_2_20220112T325517_20220112T355823_C001 CS_OFFL_SIR_GOPN_2_20220112T012416_20220112T03014_C001 CS_OFFL_SIR_GOPN_2_20220112T012416_20220112T03014_C001 CS_OFFL_SIR_GOPN_2_20220112T013312_20220112T03014_C001 CS_OFFL_SIR_GOPN_2_20220112T03012_20220112T03014_C001 CS_OFFL_SIR_GOPN_2_20220112T050508_20220112T050054_C001 CS_OFFL_SIR_GOPN_2_20220112T155032_20220112T155235_C001 CS_OFFL_SIR_GOPN_2_20220112T155032_20220112T155235_C001 CS_OFFL_SIR_GOPN_2_20220112T155032_20220112T155235_C001 CS_OFFL_SIR_GOPN_2_20220112T162535_20220112T162545_C001 CS_OFFL_SIR_GOPN_2_20220112T162535_20220112T162525_C001 CS_OFFL_SIR_GOPN_2_20220112T162535_20220112T162525_C001 CS_OFFL_SIR_GOPN_2_20220112T162535_20220112T162525_C001 CS_OFFL_SIR_GOPN_2_20220112T162535_20220112T162525_C001 CS_OFFL_SIR_GOPN_2_20220112T162535_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T162041_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T162041_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T1620406_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T1620406_20220112T1204628_C001 CS_OFFL_SIR_GOPN_2_20220112T1620406_20220112T1204628_C001 CS_OFFL_SIR_GOPN_2_20220112T162060_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T162060_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T162060_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T162060_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T163050_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T163050_20220112T164616_C001 CS_OFFL_SIR_GOPN_2_20220112T16	CS_OFFL_SIR_GOPM_2_20220112T234334_20220112T234336_C001		
Backscatter Quality CS_OFFL_SIR_GOPN_2_20220112T012416_20220112T013014_C001 CS_OFFL_SIR_GOPN_2_20220112T013312_20220112T013319_C001 CS_OFFL_SIR_GOPN_2_20220112T013312_20220112T013319_C001 CS_OFFL_SIR_GOPN_2_20220112T08858_20220112T088854_C001 CS_OFFL_SIR_GOPN_2_20220112T168058_20220112T1680854_C001 CS_OFFL_SIR_GOPN_2_20220112T168058_20220112T1680854_C001 CS_OFFL_SIR_GOPN_2_20220112T168058_20220112T1680854_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T168255_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T162545_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T162545_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T162545_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T183025_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T183025_C001 CS_OFFL_SIR_GOPN_2_20220112T162391_20220112T183025_C001 CS_OFFL_SIR_GOPN_2_20220112T162391_20220112T183025_C001 CS_OFFL_SIR_GOPN_2_20220112T204606_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204606_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_2020112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_2020112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_2020112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_2020112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_2020112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T054368_2020112T204416_C001 CS_OFFL_SIR_GOPN_2_20220112T054368	CS_OFFL_SIR_GOPM_2_20220112T234528_20220112T234540_C001		
Backscatter Quality CS_OFFL_SIR_GOPN_2_20220112T03312_20220112T03319_C001 CS_OFFL_SIR_GOPN_2_20220112T080538_20220112T080854_C001 OCG_Altimeter Range Quality, OCG_Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range Quality, OCG_Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range Quality, OCG_Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range Quality, OCG_Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range Quality, OCG_Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range Quality, OCG_Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range Quality, OCG_Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range Quality, OCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range Quality, OCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range Quality, OCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records OCG_Altimeter Range Quality, OCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records OCG_Altimeter Ran	CS_OFFL_SIR_GOPM_2_20220112T235517_20220112T235823_C001		
Backscatter Quality CS_OFFL_SIR_GOPN_2_20220112T080538_20220112T080664_C001 CS_OFFL_SIR_GOPN_2_20220112T155032_20220112T155235_C001 CS_OFFL_SIR_GOPN_2_20220112T155032_20220112T155235_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T162545_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T162545_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T162545_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T162545_C001 CS_OFFL_SIR_GOPN_2_20220112T162911_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T162911_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T162911_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T204606_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204606_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204606_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T212734_C001 CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T212734_C001 CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T212734_C001 CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T234029_C001 CS_OFFL_SIR_GOPN_2_20220112T203653_20220112T234029_C001 CS_OFFL_SIR_GOPN_2_20220112T233955_20220112T234029_C001 CS_OFFL_SIR_GOPN_2_20220112T233955_20220112T234029_C001 CS_OFFL_SIR_GOPN_2_20220112T056630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T183746_20220112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T183746_2020112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T183746_2020112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T1837	CS_OFFL_SIR_GOPN_2_20220112T012416_20220112T013014_C001		
Backscatter Quality CS_OFFL_SIR_GOPN_2_20220112T155032_20220112T155235_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T162545_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T162545_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T162545_C001 CS_OFFL_SIR_GOPN_2_20220112T162541_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T162911_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T204606_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204606_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204606_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_2020112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_2020112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_2020112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_2020112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_20220112T204029_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_20220112T204029_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_20220112T204029_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_20220112T204029_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_20220112T204029_C001 CS_OFFL_SIR_GOPR_2_20220112T204608_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T0593630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T0593630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T0593630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T193	CS_OFFL_SIR_GOPN_2_20220112T013312_20220112T013319_C001		
Backscatter Quality CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T162545_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T162545_C001 CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T162911_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T162911_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T204606_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204606_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T21408_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T21408_20220112T234029_C001 CS_OFFL_SIR_GOPR_2_20220112T234029_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T0544	CS_OFFL_SIR_GOPN_2_20220112T080538_20220112T080854_C001		
Backscatter Quality CS_OFFL_SIR_GOPN_2_20220112T162911_20220112T163025_C001 Backscatter Quality CS_OFFL_SIR_GOPN_2_20220112T162911_20220112T163025_C001 CS_OFFL_SIR_GOPN_2_20220112T204606_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204606_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T204608_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T21734_C001 CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T21734_C001 CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T21734_C001 CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T21734_C001 CS_OFFL_SIR_GOPN_2_20220112T233955_20220112T234029_C001 CS_OFFL_SIR_GOPN_2_20220112T233955_20220112T234029_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_2020112T204318_2020112T204318_2020112T204318_2020112T204318_2020112T204318_2020112T204318_2020112T204318_2020112T204318_2020112T20431	CS_OFFL_SIR_GOPN_2_20220112T155032_20220112T155235_C001		
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220112T204606_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T204628_C001 CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T212734_C001 CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T212734_C001 CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T212734_C001 CS_OFFL_SIR_GOPN_2_20220112T233955_20220112T234029_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 And Backscatter Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPN_2_20220112T162539_20220112T162545_C001		
Backscatter Quality CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T212734_C001 CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T212734_C001 CS_OFFL_SIR_GOPN_2_20220112T233955_20220112T234029_C001 CS_OFFL_SIR_GOPN_2_20220112T233955_20220112T234029_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 Backscatter Quality The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCGA Altimeter Range and Backscatter Quality Flags and the OCGA Altimeter Range and Backscatter Quality Flags and the OCGA Altimeter Range and Backscatter Quality Flags and the OCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCGA Altimeter Range and Backscatter Quality Flags and the OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CS_OFFL_SIR_GOPR_2_20220112T234318_20220112T234319_C001 CS_OFFL_SIR_GOPR_2_20220112T234318_20220112T234319_C001 The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPN_2_20220112T162911_20220112T163025_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T212734_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPN_2_20220112T233955_20220112T234029_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CCG_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CCG_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CCG_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CCG_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CCG_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CCG_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CCG_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 CCG_OFFL_SIR_GOPR_2_20220112T19374318_2020112T1934318_2020112T1934318_2020112T1934318_2020112T1934318_2020112T1934318_2020112T1934318_2020112T1934318_2020112	CS_OFFL_SIR_GOPN_2_20220112T204606_20220112T204628_C001		
Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags 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 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPN_2_20220112T212408_20220112T212734_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records Cs_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001	CS_OFFL_SIR_GOPN_2_20220112T233955_20220112T234029_C001		
CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set and Backsc	CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPR_2_20220112T193746_20220112T193818_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPR_2_20220112T234318_20220112T234319_C001		

L2 Quality Flags (20 Hz PLRM)

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20220112T002735_20220112T003108_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_20220112T004428_20220112T004542_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_20220112T004725_20220112T004955_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_20220112T010652_20220112T011133_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_20220112T020442_20220112T020630_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH	The OCOG Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220112T022352_20220112T022613_C001	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_20220112T022643_20220112T022830_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_20220112T023147_20220112T023309_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_20220112T030632_20220112T030823_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_20220112T035850_20220112T035916_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_20220112T040332_20220112T040809_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_20220112T040854_20220112T041016_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_20220112T044612_20220112T044749_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_20220112T045454_20220112T045744_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_20220112T062602_20220112T062949_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_20220112T065226_20220112T065600_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_20220112T070429_20220112T070632_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_20220112T071140_20220112T071254_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_20220112T072704_20220112T072846_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_20220112T081407_20220112T081530_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_20220112T083532_20220112T083833_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_20220112T084601_20220112T084613_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_20220112T094254_20220112T094655_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_20220112T103213_20220112T103424_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_20220112T103531_20220112T103648_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_20220112T121020_20220112T121415_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_20220112T121432_20220112T121601_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_20220112T130016_20220112T130200_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_20220112T130849_20220112T131503_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_20220112T132656_20220112T133258_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records

See CPRL 98 CODE Place of Bodocated Cardly Fligh Note been set for or or or comments. CQUITE_SEL_COME_SELECTION_COME_SELECTION_COME. CQUITE_SEL_COME_SELECTION_COME_SELECTION_COME. CQUITE_SEL_COME_SELECTION_COME_SELECTION_COME. CQUITE_SELECTION_COME_SELECTION_COME. CQUITE_SELECTION_COME_SELECTION_COME. CQUITE_SELECTION_COME_SELECTION_COME. CQUITE_SELECTION_COME_SELECTION_COME. CQUITE_SELECTION_COME_SELECTION_COME. CQUITE_SELECTION_COME. CQUITE_SELECTION_COME. CQUITE_SELECTION.COME. CQUITE_SE					
COOR Sensorer dustry. First. COOR Amounts of the country First. COOR Amounts flavor Country First.	CS_OFFL_SIR_GOPN_2_20220112T134556_20220112T134718_C001				
Code	CS_OFFL_SIR_GOPN_2_20220112T152926_20220112T153315_C001				
Co. OFFL. SR. GOPN 2. 2020019T109888. 2020119T094981, 0001 Co. OFFL. SR. GOPN 2. 2020019T10988. 2020119T094981, 0001 Co. OFFL. SR. GOPN 2. 2020019T10988. 2020119T094981, 0001 Co. OFFL. SR. GOPN 2. 2020019T10988. 2020119T094981, 0001 Co. OFFL. SR. GOPN 2. 2020019T09888. 2020119T09981 (2021) Co. OFFL. SR. GOPN 2. 2020019T09988. 2020119T09981 (2021) Co. OFFL. SR. GOPN 2. 2020019T09981 (2020)19T09984 (2021) Co. OFFL. SR. GOPN	CS_OFFL_SIR_GOPN_2_20220112T170341_20220112T171009_C001				
CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T194019_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T194019_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T295714_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T295714_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T295714_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T295714_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T295714_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T295714_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T295714_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T295714_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T295914_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T1959914_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T1959914_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T1959914_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T1959914_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T1959914_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T1959914_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T1959914_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T1959914_C001 CS_OPPL_SPL_COPPL_2_20220112T195090_20220112T1959914_C001 CS_OPPL_SPL_COPPL_2_20220112T1950914_C001 CS_OPPL_SPL_COPPL_2_20220112T1950914_C001 CS_OPPL_SPL_COPPL_2_20220112T1950914_C001 CS_OPPL_SPL_COPPL_2_20220112T1950914_C001 CS_OPPL_SPL_COPPL_2_20220112T1	CS_OFFL_SIR_GOPN_2_20220112T184809_20220112T184937_C001				
CS_OFFL_SR_GOPY_2_9220112T00598_9220112T229516_C001 CS_OFFL_SR_GOPY_2_9220112T00598_9220112T229516_C001 CS_OFFL_SR_GOPY_2_9220112T00598_9220112T229516_C001 CS_OFFL_SR_GOPY_2_9220112T20598_9220112T229516_C001 CS_OFFL_SR_GOPY_2_9220112T20598_9220112T20598_0000112T205916_C001 CS_OFFL_SR_GOPY_2_9220112T20598_9220112T205916_C001 CS_OFFL_SR_GOPY_2_9220112T00598_9220112T205916_C001 CS_OFFL_SR_GOPY_2_9220112T00598_9220112T205916_C001 CS_OFFL_SR_GOPY_2_9220112T00598_9220112T205916_C001 CS_OFFL_SR_GOPY_2_9220112T00598_9220112T205916_C001 CS_OFFL_SR_GOPY_2_9220112T00598_9220112T205916_C001 CS_OFFL_SR_GOPY_2_9220112T005917_0020112T005997_C001 CS_O	CS_OFFL_SIR_GOPN_2_20220112T192347_20220112T192509_C001				
DOCG Bascacetar Caulty Fine	CS_OFFL_SIR_GOPN_2_20220112T194508_20220112T194819_C001				
OCC Backscatter Coatily PLIMA OCC Backscat	CS_OFFL_SIR_GOPN_2_20220112T204109_20220112T204243_C001				
OCG Backscatter Caulty	CS_OFFL_SIR_GOPN_2_20220112T205359_20220112T205716_C001				
OCCG Backscatter Caulty Figure CS OFFL SIR OOPN 2 202201127230705 202201127230941 CO01 All meter Range and Backscatter Caulty Flags have been set for one or more records CS OFFL SIR OOPN 2 20220112723055 20220112723055 con Constitution of County PLFM OCCG All meter Range and Backscatter Caulty PLFM OCCG All meter Range Caulty PLFM OCCG Backscatter Caulty OCCG All meter Range Caulty PLFM OCCG Backscatter Caulty OCCG All meter Range Caulty PLFM OCCG Backscatter Caulty OCCG Backsc	CS_OFFL_SIR_GOPN_2_20220112T221933_20220112T222021_C001				
and Backscatter Quality PLRM, COCK PLRM (SPEN 2.0020112733955 2020112739042 COLD CS_OFFL_SIR_GOPN_2_20220112733955 2020112739059 COUNTY CS_OFFL_SIR_GOPN_2_20220112733955 2020112739059 COUNTY CS_OFFL_SIR_GOPN_2_20220112733956 2020112739059 COUNTY CS_OFFL_SIR_GOPN_2_20220112733956 2020112739059 COUNTY CS_OFFL_SIR_GOPN_2_20220112730542 (2020112700448 COUNTY CS_OFFL_SIR_GOPN_2_20220112700445 (2020112700448 COUNTY CS_OFFL_SIR_GOPR_2_20220112700445 (2020112700448 COUNTY CS_OFFL_SIR_GOPR_2_20220112700445 (2020112700448 COUNTY CS_OFFL_SIR_GOPR_2_20220112700445 (2020112700448 COUNTY CS_OFFL_SIR_GOPR_2_20220112700448 (2020112700448 COUNTY CS_OFFL_SIR_GOPR_2_20220112702049 (2020112700448 COUNTY CS_OFFL_SIR_GOPR_2_20220112702049 (20201127002049 COUNTY CS_OFFL_SIR_GOPR_2_20220112702284 (20201127002049 COUNTY CS_OFFL_SIR_GOPR_2_20220112702283 (2020112702284 COUNTY CS_OFFL_SIR_GOPR_	CS_OFFL_SIR_GOPN_2_20220112T230314_20220112T230649_C001				
and Backscatter Cuality PLBM, OCOG Altimeter Range and Backscatter Cuality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20220112T283985_20220112T283516_C001 CS_OFFL_SIR_GOPN_2_20220112T283984_20220112T083516_C001 CS_OFFL_SIR_GOPN_2_20220112T083984_20220112T083516_C001 CS_OFFL_SIR_GOPN_2_20220112T083984_20220112T08428_C001 CS_OFFL_SIR_GOPN_2_20220112T008251_20220112T008447_C001 CS_OFFL_SIR_GOPN_2_20220112T008251_20220112T008447_C001 CS_OFFL_SIR_GOPN_2_20220112T008251_20220112T008447_C001 CS_OFFL_SIR_GOPN_2_20220112T008251_20220112T008447_C001 CS_OFFL_SIR_GOPN_2_20220112T008251_20220112T00847_C001 CS_OFFL_SIR_GOPN_2_20220112T00821_20220112T00847_C001 CS_OFFL_SIR_GOPN_2_20220112T00821_20220112T00847_C001 CS_OFFL_SIR_GOPN_2_20220112T00821_20220112T00847_C001 CS_OFFL_SIR_GOPN_2_20220112T00821_20220112T00847_C001 CS_OFFL_SIR_GOPN_2_20220112T00821_20220112T008300_C001 CS_OFFL_SIR_GOPN_2_20220112T022017_2022012T022330_C001 CS_OFFL_SIR_GOPN_2_20220112T022813_2020112T022840_C001 CS_OFFL_SIR_GOPN_2_20220112T022813_2020112T022840_C001 CS_OFFL_SIR_GOPN_2_20220112T022800_20220112T022840_C001 CS_OFFL_SIR_GOPN_2_20220112T022800_20220112T022840_C001 CS_OFFL_SIR_GOPN_2_20220112T022800_20220112T023806_C001 CS_OFFL_SIR_GOPN_2_20220112T023806_C001 CS_OFFL_SIR_GOPN_2_20220112T022800_20220112T023840_C001 CS_OFFL_SIR_GOPN_2_20220112T022800_20220112T023840_C001 CS_OFFL_SIR_GOPN_2_20220112T0238512_20220112T033850_C001 CS_OFFL_SIR_GOPN_2_20220112T033512_20220112T033850_C001 CS_OFFL_SIR_GOPN_2_20220112T033512_20220112T033850_C001 CS_OFFL_SIR_GOPN_2_20220112T033512_20220112T033850_C001 CS_OFFL_SIR_GOPN_2_20220112T035753_20220112T033550_C001 CS_OFFL_SIR_GOPN_2_20220112T035753_20220112T033550_C001 CS_OFFL_SIR_GOPN_2_20220112T035753_20220112T033550_C001 CS_OFFL_SIR_GOPN_2_20220112T035753_20220112T033550_C001 CS_OFFL_SIR_GOPN_2_20220112T035753_20220112T033550_C001 CS_OFFL_SIR_GOPN_2_20220112T035753_20220112T033550_C001 CS_OFFL_SIR_GOPN_2_20220112T035753_20220112T035550_C001 CS_OFFL_SIR_GOPN	CS_OFFL_SIR_GOPN_2_20220112T230705_20220112T230941_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_GOPR_2_20220112T028512_20220112T028512_C001 CS_OFFL_SIR_GOPR_2_20220112T028512_20220112T028512_C001 CS_OFFL_SIR_GOPR_2_20220112T028512_20220112T028512_C001 CS_OFFL_SIR_GOPR_2_20220112T028512_20220112T028512_C001 CS_OFFL_SIR_GOPR_2_20220112T028512_20220112T028512_C001 CS_OFFL_SIR_GOPR_2_20220112T028512_20220112T028512_C001 CS_OFFL_SIR_GOPR_2_20220112T028512_20220112T028512_C001 CS_OFFL_SIR_GOPR_2_20220112T028512_20220112T028514_C001 CS_OFFL_SIR_GOPR_2_20220112T028512_20220112T035754_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035754_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035754_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035850_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035850_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035850_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035850_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035754_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035754_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035754_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035754_	CS_OFFL_SIR_GOPN_2_20220112T233955_20220112T234029_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_GOPR_2_20220112T004251_20220112T004426_C001 CS_OFFL_SIR_GOPR_2_20220112T004251_20220112T00447_C001 CS_OFFL_SIR_GOPR_2_20220112T005221_20220112T005447_C001 CS_OFFL_SIR_GOPR_2_20220112T005221_20220112T005447_C001 CS_OFFL_SIR_GOPR_2_20220112T005221_20220112T005447_C001 CS_OFFL_SIR_GOPR_2_20220112T005221_20220112T005447_C001 CS_OFFL_SIR_GOPR_2_20220112T005221_20220112T005447_C001 CS_OFFL_SIR_GOPR_2_20220112T005221_20220112T002039_C001 CS_OFFL_SIR_GOPR_2_20220112T020017_20220112T0200017_C001 CS_OFFL_SIR_GOPR_2_20220112T020017_20220112T022039_C001 CS_OFFL_SIR_GOPR_2_20220112T020017_20220112T022039_C001 CS_OFFL_SIR_GOPR_2_20220112T0201742_20220112T022039_C001 CS_OFFL_SIR_GOPR_2_20220112T0201742_20220112T022352_C001 CS_OFFL_SIR_GOPR_2_20220112T022039_C001 CS_OFFL_SIR_GOPR_2_20220112T022039_C001 CS_OFFL_SIR_GOPR_2_20220112T022039_C001 CS_OFFL_SIR_GOPR_2_20220112T022039_C001 CS_OFFL_SIR_GOPR_2_20220112T022039_C0020112T022039_C001 CS_OFFL_SIR_GOPR_2_20220112T022039_C0020112T022039_C001 CS_OFFL_SIR_GOPR_2_20220112T022039_C0020112T022039_C001 CS_OFFL_SIR_GOPR_2_20220112T022039_C0020112T022039_C0010 CS_OFFL_SIR_GOPR_2_20220112T022039_C0020112T022039_C0010 CS_OFFL_SIR_GOPR_2_20220112T022039_C0020112T022039_C0010 CS_OFFL_SIR_GOPR_2_20220112T022039_C0020112T022039_C0010 CS_OFFL_SIR_GOPR_2_20220112T022030_C0020112T022039_C0010 CS_OFFL_SIR_GOPR_2_20220112T022030_C0020112T0203146_C001 CS_OFFL_SIR_GOPR_2_20220112T003573_20220112T003580_C001 CS_OFFL_SIR_GOPR_2_20220112T003573_20220112T003580_C001 CS_OFFL_SIR_GOPR_2_20220112T003573_20220112T003580_C001 CS_OFFL_SIR_GOPR_2_20220112T003573_20220112T003580_C001 CS_OFFL_SIR_GOPR_2_20220112T003573_20220112T003580_C001 CS_OFFL_SIR_GOPR_2_20220112T003573_20220112T003580_C001 CS_OFFL_SIR_GOPR_2_20220112T003573_2020112T003580_C001 CS_OFFL_SIR_GOPR_2_20220112T003573_2020112T003580_C001 CS_OFFL_SIR_GOPR_2_20220112T003573_2020112T003580_C001 CS_OFFL_SIR_GOPR_2_20220112T003573_2020112T003580_C001 CS_OFFL_SIR_GOPR_2_20220112T003573_2020112T003580_C001	CS_OFFL_SIR_GOPN_2_20220112T235356_20220112T235516_C001				
and Backscatter Quality PLRM. COCG Altimeter Range and Backscatter Quality Plags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220112T005221_20220112T0020447_C001 CS_OFFL_SIR_GOPR_2_20220112T015441_20220112T002017_C001 CS_OFFL_SIR_GOPR_2_20220112T015441_20220112T002017_C001 CS_OFFL_SIR_GOPR_2_20220112T020017_20220112T002039_C001 CS_OFFL_SIR_GOPR_2_20220112T020017_20220112T002039_C001 CS_OFFL_SIR_GOPR_2_20220112T02017_20220112T002039_C001 CS_OFFL_SIR_GOPR_2_20220112T022142_20220112T002039_C001 CS_OFFL_SIR_GOPR_2_20220112T022142_20220112T002039_C001 CS_OFFL_SIR_GOPR_2_20220112T022142_20220112T002039_C001 CS_OFFL_SIR_GOPR_2_20220112T022142_20220112T002039_C001 CS_OFFL_SIR_GOPR_2_20220112T022142_20220112T002039_C001 CS_OFFL_SIR_GOPR_2_20220112T022142_20220112T002039_C001 CS_OFFL_SIR_GOPR_2_20220112T002017_20220112T002000000000000000000000000000	CS_OFFL_SIR_GOPN_2_20220112T235824_20220113T000051_C001				
OCG Backscatter Quality PLRM. OCG Altimeter Range and Backscatter Quality Plags and the OCG Alti	CS_OFFL_SIR_GOPR_2_20220112T004251_20220112T004428_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have beer		
OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220112T021742_20220112T022352_C001 CS_OFFL_SIR_GOPR_2_20220112T021742_20220112T022352_C001 CS_OFFL_SIR_GOPR_2_20220112T022613_20220112T022642_C001 CS_OFFL_SIR_GOPR_2_20220112T022613_20220112T022642_C001 CS_OFFL_SIR_GOPR_2_20220112T022613_20220112T022642_C001 CS_OFFL_SIR_GOPR_2_20220112T022830_20220112T022849_C001 CS_OFFL_SIR_GOPR_2_20220112T022830_20220112T022849_C001 CS_OFFL_SIR_GOPR_2_20220112T022830_20220112T023146_C001 CS_OFFL_SIR_GOPR_2_20220112T02290_20220112T033734_C001 CS_OFFL_SIR_GOPR_2_20220112T035733_20220112T035734_C001 CS_OFFL_SIR_GOPR_2_20220112T035733_20220112T035850_C001 CS_OFFL_SIR_GOPR_2_20220112T035733_20220112T035850_C001 CS_OFFL_SIR_GOPR_2_20220112T035733_20220112T035850_C001 CS_OFFL_SIR_GOPR_2_20220112T035916_20220112T040332_C001 CS_OFFL_SIR_GOPR_2_20220112T035916_20220112T0	CS_OFFL_SIR_GOPR_2_20220112T005221_20220112T005447_C001				
OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and bac	CS_OFFL_SIR_GOPR_2_20220112T015441_20220112T020017_C001				
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been St. Ocean Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCO	CS_OFFL_SIR_GOPR_2_20220112T020017_20220112T020330_C001				
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records Cs_OFFL_SIR_GOPR_2_20220112T022830_20220112T022849_C001 Cs_OFFL_SIR_GOPR_2_20220112T022830_20220112T022849_C001 Cs_OFFL_SIR_GOPR_2_20220112T022830_20220112T023146_C001 Cs_OFFL_SIR_GOPR_2_20220112T022920_20220112T023146_C001 Cs_OFFL_SIR_GOPR_2_20220112T035512_20220112T035734_C001 Cs_OFFL_SIR_GOPR_2_20220112T035512_20220112T035734_C001 Cs_OFFL_SIR_GOPR_2_20220112T035512_20220112T035734_C001 Cs_OFFL_SIR_GOPR_2_20220112T035753_20220112T035850_C001 Cs_OFFL_SIR_GOPR_2_20220112T035753_20220112T040332_C001 Cs_OFFL_SIR_GOPR_2_20220112T035916_20220112T040332_C001 Cs_OFFL_SIR_GOPR_2_20220112T035916_20220112T0	CS_OFFL_SIR_GOPR_2_20220112T021742_20220112T022352_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been		
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range	CS_OFFL_SIR_GOPR_2_20220112T022613_20220112T022642_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been		
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20220112T035512_20220112T035734_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035734_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035850_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035850_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035850_C001 CS_OFFL_SIR_GOPR_2_20220112T035916_20220112T040332_C001 CS_OFFL_SIR_GOPR_2_20220112T035930_20220112T040332_C001 CS_OFFL_SIR_GOPR_2_20220112T035930_20220112T040332_C001 CS_OFFL_SIR_GOPR_2_20220112T035930_20220112T040332_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T040332_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T04416_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T04416_C001	CS_OFFL_SIR_GOPR_2_20220112T022830_20220112T022849_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been		
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035850_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035850_C001 CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035850_C001 CS_OFFL_SIR_GOPR_2_20220112T035916_20220112T040332_C001 CS_OFFL_SIR_GOPR_2_20220112T035916_20220112T040332_C001 CS_OFFL_SIR_GOPR_2_20220112T035916_20220112T040332_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T040332_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T040332_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T040416_C001 CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T04416_C001	CS_OFFL_SIR_GOPR_2_20220112T022920_20220112T023146_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been		
and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM ocog Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20220112T035916_20220112T040332_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or mo	CS_OFFL_SIR_GOPR_2_20220112T035512_20220112T035734_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been		
Ocean Altimeter Range, SSHA, SWH 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_20220112T053630_20220112T054416_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality Fla	CS_OFFL_SIR_GOPR_2_20220112T035753_20220112T035850_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been		
Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality Flags and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_GOPR_2_20220112T035916_20220112T040332_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been		
Altimeter Range and Backscatter Quality PLRM Set for one or more records	CS_OFFL_SIR_GOPR_2_20220112T053630_20220112T054416_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_GOPR_2_20220112T062321_20220112T062602_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_20220112T071035_20220112T071140_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_20220112T071255_20220112T071330_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_20220112T071528_20220112T071637_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_20220112T071700_20220112T072500_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_20220112T085720_20220112T090732_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_20220112T104620_20220112T104826_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_20220112T113208_20220112T113906_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_20220112T115130_20220112T115311_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_20220112T122148_20220112T122317_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_20220112T131852_20220112T132115_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_20220112T134148_20220112T134242_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_20220112T135453_20220112T135655_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_20220112T135655_20220112T140200_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_20220112T141535_20220112T142312_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_20220112T151939_20220112T152051_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_20220112T153315_20220112T153834_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_20220112T153856_20220112T154134_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_20220112T161843_20220112T161906_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_20220112T163025_20220112T163134_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_20220112T171009_20220112T171906_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_20220112T172737_20220112T172748_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_20220112T180936_20220112T181214_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_20220112T184937_20220112T185519_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_20220112T185519_20220112T185900_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_20220112T190050_20220112T190257_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_20220112T194819_20220112T195058_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_20220112T202512_20220112T203500_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_20220112T203500_20220112T203630_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_20220112T203721_20220112T203746_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_20220112T220728_20220112T221359_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_20220112T221359_20220112T221933_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_20220112T222021_20220112T222448_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_20220112T225146_20220112T225845_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_20220112T234140_20220112T234147_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records

Ocean Altimates Dance CCLIA CMIL

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:

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:

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:

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).

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.

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20220111T235329_20220112T004305_C001		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_20220112T004305_20220112T013243_C001	Topography (1), Total Geocentric Ocean	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_2_20220112T013243_20220112T022220_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_20220112T022220_20220112T031158_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_2_20220112T031158_20220112T040134_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_20220112T040134_20220112T045113_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_20220112T045113_20220112T054049_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_20220112T054049_20220112T063028_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_20220112T063028_20220112T072004_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_20220112T072004_20220112T080942_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_20220112T080942_20220112T085918_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_20220112T085918_20220112T094857_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_20220112T094857_20220112T103833_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_20220112T103833_20220112T112811_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_20220112T112811_20220112T121748_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_20220112T121748_20220112T130726_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_20220112T130726_20220112T135702_C001	GPD Wet Tropospheric Correction, Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the GPD Wet Troposheric Correction, the MSS height (solution 1) and the Mean Dynamic Topography (solution 1) for one or more records		
CS_OFFL_SIR_GOP_2_20220112T135702_20220112T144641_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_20220112T144641_20220112T153617_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_20220112T153617_20220112T162556_C001	Mean Sea Surface (1), Mean Dynamic Topography (1) เดษบ พยะ เ ropospneric Correction,	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_20220112T162556_20220112T171532_C001	Inverse Barometric Correction, Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period	There is an error with the GPD Wet Tropospheric Correction, the Inverse Barometric Correction, the MSS height (solution 1), the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 1: GOT and 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records		
CS_OFFL_SIR_GOP_2_20220112T171532_20220112T180510_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_20220112T180510_20220112T185446_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_20220112T185446_20220112T194425_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_20220112T194425_20220112T203401_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_20220112T203401_20220112T212340_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_2_20220112T212340_20220112T221316_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_20220112T221316_20220112T230254_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_20220112T230254_20220112T235230_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_20220112T235230_20220113T004209_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		

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.

Product	Test Failed	Description		
CS_OFFL_SIR_GOP_220220112T121748_20220112T130726_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:

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:

•

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:

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.

30

Number of products with errors:

P2P Retracking Flags PLRM

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

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

Number of products with errors: 30

7. GOP QCC Report Analysis

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

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_GOPM1B	219	219	1	218	0
SIR_GOPR1B	131	131	0	131	0
SIR_GOPN1B	111	111	4	106	1
SIR_GOPM_2	219	219	160	59	0
SIR_GOPR_2	131	131	45	82	4
SIR_GOPN_2	110	110	48	62	0
SIR GOP P2P	29	29	0	27	2

7.1 QCC Errors

Number of QCC reports with errors:

Product Type RLOBOPNCDF RL RLOBOPNCDF

7

Total number of occurrences of each error

SIR_GOPN1B	0	0	0	0	1						
SIR_GOPR_2	4	4	4	4	0						
	,			,			,	,			
Product Type	RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-

Test Description Key:					
Abbreviation	Test name	Details			
RLOBOPNCDF	RangeLatitudeOrBlankOP_7NetCDF	Latitude should be between -90E7 and 90E7			
RL	RangeLatitude_7	Latitude should be between -90E7 and 90E7			
RLOBOPNCDF	RangeLongitudeOrBlankOP_7NetCDF	Longitude should be between -180E7 and 180E7			
		Longitude should be between -180E7 and 180E7			
RRTAISSOPOBHRNC DF	RangeRecordTAlStartStopOPOrBlankHRNetCDF	The time value should be between the the record TAI start/stop times of the MPH with a margin of 0.5 s			

7.2 QCC Warnings

Number of QCC reports with warnings

2284

Total number of occurrences of each warning

Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD
SIR_GOPM1B	218	0	0	0	0	0	0
SIR_GOPM_2	0	0	43	38	0	48	0
SIR_GOPN1B	106	0	0	0	0	0	0
SIR_GOPN_2	0	0	14	38	7	31	29
SIR_GOPR1B	127	0	0	0	0	0	0
SIR GOPR 2	0	4	27	44	0	29	25

Product Type	RBSZOPOEPNCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNC	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF	RPEPOPLRMNCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	39	35	0	0	0	0	32
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	18	0	0	30	0	39	0
SIR_GOPR1B	0	0	0	0	0	0	0
SIR_GOPR_2	9	0	44	0	54	0	0

Product Type	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF	RSWHOEPFDNCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	0	0	4	25	0	2	30
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	0	32	12	39	51	25	33
SIR_GOPR1B	0	0	0	0	0	0	0
SIR_GOPR_2	42	0	2	60	41	11	38

Product Type	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF	-	-
SIR_GOPM1B	0	0	0	0	0		
SIR_GOPM_2	0	1	0	0	0		
SIR_GOPN1B	0	0	0	55	2		
SIR_GOPN_2	32	15	0	0	0		
SIR_GOPR1B	0	0	0	131	11		
SIR_GOPR_2	47	4	7	0	0		

Ì	Product Type	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD	RBSZOPOEPNCDF
	SIR GOP 2	15	29	29		29	19	29

Product Type	RPEPOPFDPLRMSINNCD	RPEPOPFDSINNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF
SIR_GOP_2_	18	28	24	14	29	19	22

Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHLPQWNCDF	-	-	-
SIR_GOP_2_	28	20	17	29			

Test Description Key:	'est Description Key:							
Abbreviation	Test name	Details						
BCSHNCDF	BurstCounterStep20HzNetCDF	The burst counter should be one higher with regard to the previous burst counter						
IOHHMOOR	IndexOf1Hzin20HzMappingOutOfRange	The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1)						
MVIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees						
MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees						
MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only						
RBSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees						
RBSZOPOEPFDPLRM NCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees						
RBSZOPOEPNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees						
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees						
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees						
RPEPOPFDPLRMSINN CDF	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees						
RPEPOPFDSARNCDF	RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees						
RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees						
RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees						
RPEPOPSARNCDF	RangePeakinessExcludingPolarOPSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees						
RPEPOPSINNCDF	RangePeakinessExcludingPolarOPSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees						
RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean						
RSSHAOFDNCDF	RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean						
RSSHAOFDPLRMNCD F	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean						
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean						
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees						
RSWHOEPFDPLRMNC DF	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees						
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees						
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample						
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter						
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter						

7.3 Missing QCC Reports

Number of products with missing QCC reports: