

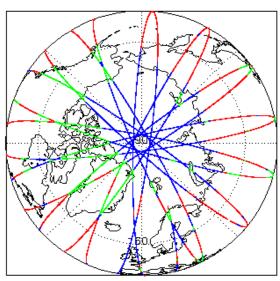
1. Overview

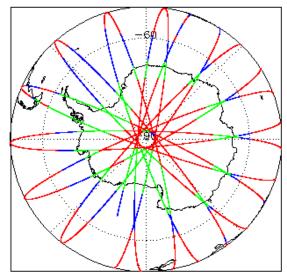
Report Production:	24-Jul-2020	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data	

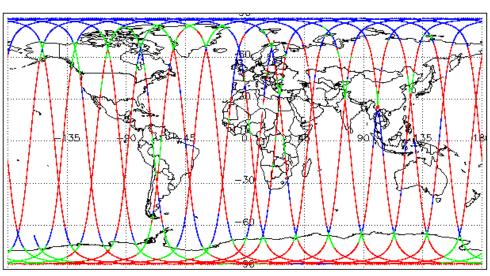
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary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

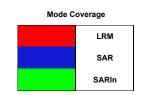
I	Mission / Instru	ment News
	24-Jun-2020	None
	25-Jun-2020	None
	26-Jun-2020	Nothing planned

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 binary product file (.DBL).

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_20200625T001406_20200625T001847_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20200625T033935_20200625T035253_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20200625T050313_20200625T051636_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

21

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20200625T050313_20200625T051636_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20200625T145346_20200625T145923_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20200625T151427_20200625T152330_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20200625T164238_20200625T165207_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200625T022419_20200625T022941_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200625T031518_20200625T031848_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200625T031852_20200625T031926_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200625T045659_20200625T045925_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200625T053556_20200625T053949_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200625T063334_20200625T063557_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200625T144510_20200625T144615_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200625T162022_20200625T162539_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200625T180026_20200625T180425_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200625T044732_20200625T045214_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200625T125357_20200625T125505_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200625T125841_20200625T130322_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200625T135028_20200625T135227_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200625T144625_20200625T145346_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200625T170127_20200625T170239_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200625T180718_20200625T181118_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200625T194247_20200625T195116_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 binary product file (.DBL).

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.

5.4 L2 Auxiliary Correction Error Check

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

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

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

54

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20200625T080419_20200625T080449_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T003842_20200625T004007_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T004517_20200625T004823_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocea Tide for one or more records
CS_OFFL_SIR_GOPN_2_20200625T021911_20200625T022208_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T022419_20200625T022941_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T031518_20200625T031848_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Tota Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocea Tide for one or more records
CS_OFFL_SIR_GOPN_2_20200625T031852_20200625T031926_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocea Tide for one or more records
CS_OFFL_SIR_GOPN_2_20200625T035855_20200625T040130_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T045413_20200625T045526_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T053146_20200625T053248_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T053556_20200625T053949_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T063334_20200625T063557_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T071613_20200625T071804_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T080830_20200625T080859_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T081320_20200625T081754_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T095526_20200625T100035_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T103544_20200625T103926_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T121513_20200625T121830_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T122342_20200625T122507_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T130606_20200625T130703_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T140249_20200625T140356_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T144510_20200625T144615_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T144620_20200625T144625_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
	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_20200625T171820_20200625T172433_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T180026_20200625T180425_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T185743_20200625T190101_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T193858_20200625T194247_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T211330_20200625T211939_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20200625T220805_20200625T220929_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T221745_20200625T221903_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T231731_20200625T231940_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20200625T235436_20200625T235745_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_20200625T012757_20200625T013512_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_20200625T013512_20200625T013748_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_20200625T030944_20200625T031406_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_20200625T031406_20200625T031518_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the GPD Wet Tropospheric correction, the MSS height (solution 1) and tidal corrections for one or more records
CS_OFFL_SIR_GOPR_2_20200625T044732_20200625T045214_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_20200625T045214_20200625T045413_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_20200625T062725_20200625T063334_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_20200625T080449_20200625T080713_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_20200625T080859_20200625T081320_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_20200625T094540_20200625T095526_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_20200625T112652_20200625T113439_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_20200625T130703_20200625T131615_C001	GPD Wet Tropospheric Correction, Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the GPD Wet Tropospheric correction, the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20200625T144626_20200625T145346_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_20200625T162539_20200625T163059_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_20200625T180425_20200625T180718_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_20200625T180718_20200625T181118_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_20200625T194247_20200625T195116_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_20200625T211939_20200625T212840_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_20200625T225910_20200625T230225_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_20200625T230225_20200625T230836_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_20200625T231657_20200625T231731_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (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.

3

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20200625T001406_20200625T001847_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

CS_OFFL_SIR_GOPM_2_20200625T033935_20200625T035253_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOPM_2_20200625T050313_20200625T051636_C001	ŭ	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 (20Hz)

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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20200624T235900_20200625T000016_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_20200625T001856_20200625T003556_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_20200625T004007_20200625T004517_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_20200625T005150_20200625T012757_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_20200625T013748_20200625T013941_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_20200625T014955_20200625T015433_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_20200625T015511_20200625T021314_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_20200625T022208_20200625T022419_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_20200625T023146_20200625T030755_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_20200625T032013_20200625T033851_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_20200625T033935_20200625T035253_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_20200625T040130_20200625T040328_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_20200625T040454_20200625T040830_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_20200625T041042_20200625T042552_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_20200625T042753_20200625T043717_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_20200625T045526_20200625T045659_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_20200625T045925_20200625T050212_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_20200625T050313_20200625T051636_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_20200625T053248_20200625T053357_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_20200625T053949_20200625T054253_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_20200625T054258_20200625T054731_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_20200625T055016_20200625T060422_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_20200625T060428_20200625T060454_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_20200625T064254_20200625T065005_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_20200625T065024_20200625T071450_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_20200625T072025_20200625T072627_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_20200625T073004_20200625T075456_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_20200625T082700_20200625T085338_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_20200625T090015_20200625T090430_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_20200625T090855_20200625T093737_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_20200625T094441_20200625T094540_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_20200625T100035_20200625T103214_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_20200625T103926_20200625T104507_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_20200625T104758_20200625T105249_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_20200625T113837_20200625T121150_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_20200625T121830_20200625T122342_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_20200625T122731_20200625T124518_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_20200625T124836_20200625T125357_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_20200625T130322_20200625T130354_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_20200625T131615_20200625T135028_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_20200625T135618_20200625T135829_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_20200625T140730_20200625T143219_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_20200625T143226_20200625T144104_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_20200625T144104_20200625T144118_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_20200625T144341_20200625T144510_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_20200625T145346_20200625T145923_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_20200625T145948_20200625T150807_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.

Sept			
69. OFFL. SRI. COPML_2.0000025T15080_0000005T15090_0000 80. OFFL. SRI. COPML_2.0000025T15080_0000005T15090_0000 80. OFFL. SRI. COPML_2.0000025T15080_0000005T15090_0000 80. OFFL. SRI. COPML_2.0000025T15090_000005T15090_0000 80. OFFL. SRI. COPML_2.0000025T15090_000005T15090_0000 80. OFFL. SRI. COPML_2.0000025T15090_000005T15090_0000 80. OFFL. SRI. COPML_2.0000025T15090_00005T15090_0000 80. OFFL. SRI. COPML_2.0000025T15090_000005T15090_0000 80. OFFL. SRI. COPML_2.0000025T15090_000005T17090_0000 80. OFFL. SRI. COPML_2.0000025T17090_000005T17090_0000 80. OFFL. SRI. COPML_2.0000025T17090_0000005T17090_000005T1709	CS_OFFL_SIR_GOPM_2_20200625T151427_20200625T152330_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Capper Bill Copper 2 200000011103102 2001000011103102 2001 20000001103102 2001 20000001103102 2001 20000001103102 2001 2001000001103102 2001000001103102 20010000001103102 20010000001103102 20010000001103102 2001000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20200625T152530_20200625T152953_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Seg. OPPL_SIR_GOPM_2_200000001100002_cost CS_OPPL_SIR_GOPM_2_200000001100001_cost CS_OPPL_SIR_GOPM_2_200000001100101_cost CS_OPPL_SIR_GOPM_2_200000001100101_cost CS_OPPL_SIR_GOPM_2_200000001100101_cost CS_OPPL_SIR_GOPM_2_200000001100101_cost CS_OPPL_SIR_GOPM_2_200000001100101_cost CS_OPPL_SIR_GOPM_2_200000001100101_cost CS_OPPL_SIR_GOPM_2_20000001100101_cost CS_OPPL_SIR_GOPM_2_20000001100101_cost CS_OPPL_SIR_GOPM_2_20000001100101_cost CS_OPPL_SIR_GOPM_2_200000011100101_cost CS_OPPL_SIR_GOPM_2_200000011100101_cos	CS_OFFL_SIR_GOPM_2_20200625T153208_20200625T153728_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Sill-GOPM_2_P0000025110346_2_D000025110340_D0000511134_C0001 GR_GPF1_SIR_GOPM_2_P0000025110036_20100025116202_C0001 GR_GPF1_SIR_GOPM_2_P0000025110036_20100025116202_C0001 GR_GPF1_SIR_GOPM_2_P0000025116030_20100025116202_C0001 GR_GPF1_SIR_GOPM_2_P0000025116030_20100025116202_C0001 GR_GPF1_SIR_GOPM_2_P0000025116030_20100025116000_C00000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20200625T153747_20200625T153954_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20000025T19039_2000025T190202_C001 CS_OFFL_SIR_GOPM_2_20000025T19039_2000025T190202_C001 CS_OFFL_SIR_GOPM_2_20000025T19039_2000025T190307_C001 CS_OFFL_SIR_GOPM_2_20000025T19039_2000025T190307_C001 CS_OFFL_SIR_GOPM_2_20000025T19039_2000025T170047_C001 CS_OFFL_SIR_GOPM_2_20000025T17039_2000025T170047_C001 CS_OFFL_SIR_GOPM_2_20000025T17039_2000025T170047_C001 CS_OFFL_SIR_GOPM_2_20000025T17039_2000025T170047_C001 CS_OFFL_SIR_GOPM_2_20000025T17039_2000025T170047_C001 CS_OFFL_SIR_GOPM_2_20000025T17039_2000025T170047_C001 CS_OFFL_SIR_GOPM_2_20000025T17039_2000025T170047_C001 CS_OFFL_SIR_GOPM_2_20000025T17039_2000025T170047_C001 CS_OFFL_SIR_GOPM_2_20000025T17039_2000025T170047_C001 CS_OFFL_SIR_GOPM_2_20000025T17039_2000025T170047_C001 CS_OFFL_SIR_GOPM_2_20000025T170047_C001 CS_OFFL_SIR_GOPM_2_20000025T190048_2000025T100407_C001 CS_OFFL_SIR_GOPM_2_20000025T100407_C001047_C001047_C001047_C001047_C0	CS_OFFL_SIR_GOPM_2_20200625T154841_20200625T155952_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
So OFFL, SIR, GOPM 2, 20000025110200, 20000025117017, 2001 So OFFL, SIR, GOPM 2, 20000025110200, 20000025117017, 2001 So OFFL, SIR, GOPM 2, 20000025110200, 20000025117017, 2001 So OFFL, SIR, GOPM 2, 20000025117028, 20000025117034, 2001 So OFFL, SIR, GOPM 2, 20000025117038, 20000025117039, 2001 So OFFL, SIR, GOPM 2, 20000025117038, 20000025117039, 2001 So OFFL, SIR, GOPM 2, 20000025117038, 20000025117039, 2001 So OFFL, SIR, GOPM 2, 20000025117039, 20000025117039, 2001 So OFFL, SIR, GOPM 2, 200000251170005, 20000025117039, 2001 So OFFL, SIR, GOPM 2, 200000251170005, 20000025117039, 2001 So O	CS_OFFL_SIR_GOPM_2_20200625T160259_20200625T161134_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and the COCO Affinite Range and Backscatter Quality Flags have 1 Affinite Range and Backscatter Quality CoCO Affinite Range and Backscatter Quality Flags have been CS_OFFL_SIR_GOPM_2_20200025T17933_2000025T179047_C001 CS_OFFL_SIR_GOPM_2_20200025T179133_2000025T179047_C001 CS_OFFL_SIR_GOPM_2_20200025T179133_2000025T179047_C001 CS_OFFL_SIR_GOPM_2_20200025T179133_2000025T179047_C001 CS_OFFL_SIR_GOPM_2_20200025T179133_2000025T179047_C001 CS_OFFL_SIR_GOPM_2_20200025T17913_2000025T179047_C001 CS_OFFL_SIR_GOPM_2_20200025T17913_2000025T179047_C001 CS_OFFL_SIR_GOPM_2_20200025T179047_2000025T179047_C001 CS_OFFL_SIR_GOPM_2_20200025T179047_2000025T179047_C001 CS_OFFL_SIR_GOPM_2_20200025T179047_2000025T179047_C001 CS_OFFL_SIR_GOPM_2_20200025T179047_2000025T179047_C001 CS_OFFL_SIR_GOPM_2_20200025T179047_2000025T179047_C001 CS_OFFL_SIR_GOPM_2_20200025T179047_2000025T179047_C001 CS_OFFL_SIR_GOPM_2_20200025T179047_2000025T179047_C001 CS_OFFL_SIR_GOPM_2_20200025T179047_2000025T18550_C001 CS_OFFL_SIR_GOPM_2_20200025T18500_2000025T18550_C001 CS_OFFL_SIR_GOPM_2_20200025T18500_2000025T18550_C001 CS_OFFL_SIR_GOPM_2_20200025T18500_2000025T18550_C001 CS_OFFL_SIR_GOPM_2_20200025T190057_2000025T18550_C001 CS_OFFL_SIR_GOPM_2_20200025T190057_2000025T18550_C001 CS_OFFL_SIR_GOPM_2_20200025T190057_2000025T18550_C001 CS_OFFL_SIR_GOPM_2_20200025T190057_2000025T190040_C001 CS_OFFL_SIR_GOPM_2_20200025T190057_2000025T190040_C001 CS_OFFL_SIR_GOPM_2_20200025T190057_2000025T190040_C001 CS_OFFL_SIR_GOPM_2_20200025T190057_2000025T190040_C001 CS_OFFL_SIR_GOPM_2_20200025T190057_2000025T190040_C001 CS_OFFL_SIR_GOPM_2_20200025T190057_2000025T	CS_OFFL_SIR_GOPM_2_20200625T161301_20200625T162022_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscater Quality COCO Allmeter Range and Backscater Quality Flags have table CS_OFFL_SIR_GOPM_2_20200825T170289_20200825T170287_CO01 CS_OFFL_SIR_GOPM_2_20200825T170289_20200825T170887_CO01 Allmeter Range and Backscater Quality Flags have table CS_OFFL_SIR_GOPM_2_20200825T170289_20200825T170887_CO01 Allmeter Range and Backscater Quality Flags have table CS_OFFL_SIR_GOPM_2_20200825T17038_CO000825T17088_CO01 Allmeter Range and Backscater Quality Flags have table control on one records. CS_OFFL_SIR_GOPM_2_20200825T17205_20200825T172725_CO01 CS_OFFL_SIR_GOPM_2_20200825T17406_20200825T174643_CO01 CS_OFFL_SIR_GOPM_2_20200825T174048_20200825T174643_CO01 CS_OFFL_SIR_GOPM_2_20200825T174048_20200825T17509_CO01 CS_OFFL_SIR_GOPM_2_20200825T174048_20200825T17509_CO01 CS_OFFL_SIR_GOPM_2_20200825T175216_20200825T17509_CO01 CS_OFFL_SIR_GOPM_2_20200825T175216_20200825T17509_CO01 CS_OFFL_SIR_GOPM_2_20200825T175216_20200825T17509_CO01 CS_OFFL_SIR_GOPM_2_20200825T175209_CO00025T17509_CO01 CS_OFFL_SIR_GOPM_2_20200825T175209_CO010 CS_OFFL_SIR_GOPM_2_20200825T175209_CO0105T17509_CO01 CS_OFFL_SIR_GOPM_2_20200825T175209_CO0105T17509_CO01 CS_OFFL_SIR_GOPM_2_20200825T175209_CO0105T17509_CO0	CS_OFFL_SIR_GOPM_2_20200625T164238_20200625T165207_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality, COCG Altimeter Range and Backscatter Quality Flags have beriffered from or or nor core coords. CS_OFFL_SIR_GOPM_2_20200625T17133_20206625T171628_CO01 CS_OFFL_SIR_GOPM_2_20200625T172505_20200625T174648_CO01 CS_OFFL_SIR_GOPM_2_20200625T174413_20200625T174648_CO01 CS_OFFL_SIR_GOPM_2_20200625T174413_20200625T174648_CO01 CS_OFFL_SIR_GOPM_2_20200625T174648_20200625T174648_CO01 CS_OFFL_SIR_GOPM_2_20200625T174648_20200625T175046_CO01 CS_OFFL_SIR_GOPM_2_20200625T174648_20200625T175046_CO01 CS_OFFL_SIR_GOPM_2_20200625T174648_20200625T175046_CO01 CS_OFFL_SIR_GOPM_2_20200625T175216_20200625T175530_CO01 CS_OFFL_SIR_GOPM_2_20200625T175216_20200625T175530_CO01 CS_OFFL_SIR_GOPM_2_20200625T175216_20200625T175530_CO01 CS_OFFL_SIR_GOPM_2_20200625T175216_20200625T175530_CO01 CS_OFFL_SIR_GOPM_2_20200625T175516_20200625T175530_CO01 CS_OFFL_SIR_GOPM_2_20200625T175516_20200625T175530_CO01 CS_OFFL_SIR_GOPM_2_20200625T175516_20200625T175530_CO01 CS_OFFL_SIR_GOPM_2_20200625T175516_20200625T175530_CO01 CS_OFFL_SIR_GOPM_2_20200625T175516_20200625T175530_CO01 CS_OFFL_SIR_GOPM_2_20200625T185323_20200625T185556_C001 CS_OFFL_SIR_GOPM_2_20200625T185501_20200625T185556_C001 CS_OFFL_SIR_GOPM_2_20200625T185501_20200625T185510_C001 CS_OFFL_SIR_GOPM_2_20200625T195501_C001 CS_OFFL_SIR_GOPM_2_20200625T192551_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_20200525T192551_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_20200525T192551_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_20200525T192551_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_20200525T192551_C001 CC_OGA Altimeter Range SINA, SWH and Backscatter Quality Flags have berif or nor or nor excords. CC_OGA Altimeter Range Guality, OCOG Backscatter Quality, COGG Altimeter Range and Backscatter Quality Flags have berif or nor or nor excords. CC_OGA Altimeter Range Guality, OCOG Backscatter Quality, COGG Backscatter Quality, COGG Backscatter Quality, COGG Altimeter Range and Backscatter Quality Flags have berif or nor or nor excords. CC_OGA Altimeter Range SINA, SWH and B	CS_OFFL_SIR_GOPM_2_20200625T165409_20200625T170127_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Backscatter Quality CS_OFFL_SIR_GOPM_2_20200625T172505_2000625T172725_C001 CS_OFFL_SIR_GOPM_2_20200625T174643_2000625T174643_C001 CS_OFFL_SIR_GOPM_2_20200625T174644_20200625T174645_C001 CS_OFFL_SIR_GOPM_2_20200625T174646_20200625T175046_C001 CS_OFFL_SIR_GOPM_2_20200625T175216_20200625T175046_C001 CS_OFFL_SIR_GOPM_2_20200625T175216_20200625T175046_C001 CS_OFFL_SIR_GOPM_2_20200625T175216_20200625T175046_C001 CS_OFFL_SIR_GOPM_2_20200625T175216_20200625T175530_C001 CS_OFFL_SIR_GOPM_2_20200625T185118_20200625T185555_C001 CS_OFFL_SIR_GOPM_2_20200625T185118_20200625T185555_C001 CS_OFFL_SIR_GOPM_2_20200625T1850601_20200625T185555_C001 CS_OFFL_SIR_GOPM_2_20200625T1850601_20200625T155551_C001 CS_OFFL_SIR_GOPM_2_20200625T1850601_20200625T155551_C001 CS_OFFL_SIR_GOPM_2_20200625T1850601_20200625T155551_C001 CS_OFFL_SIR_GOPM_2_20200625T1850601_20200625T155551_C001 CS_OFFL_SIR_GOPM_2_20200625T1850601_20200625T155551_C001 CS_OFFL_SIR_GOPM_2_20200625T1850601_20200625T155551_C001 CS_OFFL_SIR_GOPM_2_20200625T1850601_20200625T155555_C001 CS_OFFL_SIR_GOPM_2_20200625T1850601_20200625T155555_C001 CS_OFFL_SIR_GOPM_2_20200625T1850601_20200625T155555_C001 CS_OFFL_SIR_GOPM_2_20200625T1850601_20200625T155555_C001 CS_OFFL_SIR_GOPM_2_20200625T1850601_20200625T155555_C001 CS_OFFL_SIR_GOPM_2_20200625T1850601_20200625T155555_C001 CS_OFFL_SIR_GOPM_2_20200625T190555_20200625T1905601_C001 CS_OFFL_SIR_GOPM_2_20200625T1905601_20200625T1905601_C001 CS_OFFL_SIR_GOPM_2_20200625T1905601_20200625T1905601_C001 CS_OFFL_SIR_GOPM_2_20200625T1905601_20200625T1905601_C001 CS_OFFL_SIR_GOPM_2_20200625T1905601_20200625T1905601_C001 CS_OFFL_SIR_GOPM_2_20200625T1905602_20200625T1905601_C001 CS_OFFL_SIR_GOPM_2_20200625T1905602_20200625T1905601_C001 CS_OFFL_SIR_GOPM_2_20200625T1905602_20200625T1905601_C001 CS_OFFL_SIR_GOPM_2_20200625T1905602_20200625T1905601_C001 CS_OFFL_SIR_GOPM_2_20200625T1905602_20200625T1905601_C001 CS_OFFL_SIR_GOPM_2_20200625T1905602_20200625T1905601_C001 CS_OFFL_SIR_GOPM_2_20200625T1905602_20200625T1905601_C0	CS_OFFL_SIR_GOPM_2_20200625T170239_20200625T170847_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality COG Altimeter Range and Backscatter Quality Flags have to CS_OFFL_SIR_GOPM_2_20200625T174413_20200625T174643_CO01 CS_OFFL_SIR_GOPM_2_20200625T174413_20200625T174643_CO01 CS_OFFL_SIR_GOPM_2_20200625T174646_20200625T175046_CO01 CS_OFFL_SIR_GOPM_2_20200625T174646_20200625T175046_CO01 CS_OFFL_SIR_GOPM_2_20200625T174646_20200625T175046_CO01 CS_OFFL_SIR_GOPM_2_20200625T175046_CO01 CS_OFFL_SIR_GOPM_2_20200625T175046_CO01 CS_OFFL_SIR_GOPM_2_20200625T175046_CO01 CS_OFFL_SIR_GOPM_2_20200625T175046_CO01 CS_OFFL_SIR_GOPM_2_20200625T185020_CO01 CS_OFFL_SIR_GOPM_2_20200625T185020_CO01 CS_OFFL_SIR_GOPM_2_20200625T185020_CO01 CS_OFFL_SIR_GOPM_2_20200625T185020_CO01 CS_OFFL_SIR_GOPM_2_20200625T185020_CO01 CS_OFFL_SIR_GOPM_2_20200625T185016_CO00625T185555_CO01 CS_OFFL_SIR_GOPM_2_20200625T185010_CO01 CS_OFFL_SIR_GOPM_2_20200625T185010_CO01 CS_OFFL_SIR_GOPM_2_20200625T185010_CO01 CS_OFFL_SIR_GOPM_2_20200625T192562_20200625T192561_CO01 CCG_OFFL_SIR_GOPM_2_20200625T192562_20200625T192561_CO01 CCG_OFFL_SIR_GOPM_2_20200625T192562_20200625T192561_CO01 CS_OFFL_SIR_GOPM_2_20200625T192562_20200625T192561_CO01 CS_OFFL_SIR_GOPM_2_20200625T192562_20200625T192561_CO01 CCG_OFFL_SIR_GOPM_2_20200625T192562_20200625T192561_CO01 CCG_OFFL_SIR_GOPM_2_20200625T192562_20200625T192561_CO01 CCG_OFFL_SIR_GOPM_2_20200625T200157_20200625T200360_CO01 CCG_OFFL_SIR_GOPM_2_20200625T200157_20200625T200360_CO01 CCG_OFFL_SIR_GOPM_2_20200625T200157_20200625T200360_CO01 CCG_OFFL_SIR_GOPM_2_20200625T200157_20200625T200360_CO01 CCG_OFFL_SIR_GOPM_2_20200625T200360_C00025T200360_C001 CCG_OFFL_SIR_GOPM_2_20200625T200360_C00025T200360_C001 CCG_OFFL_SIR_GOPM_2_20200625T200360_C00025T200360_C001 CCG_OFFL_SIR_GOPM_2_20200625T200360_C00025T200360_C001 CCG_OFFL_SIR_GOPM_2_20200625T200360_C00025T200360_C001 CCG_OFFL_SIR_GOPM_2_20200625T200360_C00025T200360_C001 CCG_OFFL_SIR_GOPM_2_20200625T200360_C00025T200360_C001 CCG_OFFL_SIR_GOPM_2_20200625T200360_C00025T200360_C001 CCG_OFFL_SIR_GOPM_2_20200625T200360_C00025T20036	CS_OFFL_SIR_GOPM_2_20200625T171133_20200625T171628_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality. CCG Altimeter Range and Backscatter Quality. CCG Altimeter Range and Backscatter Quality. CCG Altimeter Range and Backscatter Quality. CCG CS—OFFL_SIR_GOPM_2_20200625T176466_20200625T175046_C001 CS_OFFL_SIR_GOPM_2_20200625T175216_20200625T175530_C001 CS_OFFL_SIR_GOPM_2_20200625T175216_20200625T175530_C001 CS_OFFL_SIR_GOPM_2_20200625T175216_20200625T175530_C001 CS_OFFL_SIR_GOPM_2_20200625T185223_20200625T18530_C001 CS_OFFL_SIR_GOPM_2_20200625T185223_20200625T18530_C001 CS_OFFL_SIR_GOPM_2_20200625T185223_20200625T185555_C001 CS_OFFL_SIR_GOPM_2_20200625T185601_20200625T185555_C001 CS_OFFL_SIR_GOPM_2_20200625T185601_20200625T185610_C001 CS_OFFL_SIR_GOPM_2_20200625T190258_20200625T192551_C001 CS_OFFL_SIR_GOPM_2_20200625T190258_20200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_20200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_20200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_20200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_20200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_20200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_20200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_20200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_20200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_0200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_0200625T203456_C001 CS_OFFL_SIR_GOPM_2_20200625T203456_C001 CS_OFFL_SIR_GOPM_2_20200625T20345	CS_OFFL_SIR_GOPM_2_20200625T172505_20200625T172725_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality, CCG Altimeter Range, SSHA, SWH and Backscatter Quality, DCOG Altimeter Range and Backscatter Quality Flags have beer for one or more records. CS_OFFL_SIR_GOPM_2_20200625T185116_20200625T185555_C001 CS_OFFL_SIR_GOPM_2_20200625T185601_20200625T185610_C001 CS_OFFL_SIR_GOPM_2_20200625T190258_20200625T192541_C001 CS_OFFL_SIR_GOPM_2_20200625T190258_20200625T192541_C001 CS_OFFL_SIR_GOPM_2_20200625T190258_20200625T192551_C001 CS_OFFL_SIR_GOPM_2_20200625T190258_20200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T190258_20200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T190258_20200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T200157_20200625T202707_C001 CS_OFFL_SIR_GOPM_2_20200625T200157_20200625T202707_C001 CS_OFFL_SIR_GOPM_2_20200625T200157_20200625T203456_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203456_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203456_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C00	CS_OFFL_SIR_GOPM_2_20200625T174413_20200625T174643_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality, COG Altimeter Range and Backscatter Quality Flags have to Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range, SPHA, SWH and Backscatter Quality Flags have to Cog Altimeter Range and Backscatter Quality Flags have to Cog Altimeter Range and Backscatter Quality Flags have to Cog Altimeter Range and Backscatter Quality Flags have to Cog Altimeter Range and Backscatter Quality Flags have to Cog Altimeter Range and Backscatter Quality Flags have to Cog Altimeter Range and Backscatter Quality Flags have to Cog Altimeter Range and Backscatter Quality Flags have to Cog Altimeter Range and Backscatter Quality Flags have to Cog Altimeter Range and Backscatter Quality Flags have to Cog Altimeter Range and Backscatter Quality Flags have to Cog Altimeter Range and Backscatter Quality Flags have to Cog Altimeter Range and Backscatter Qual	CS_OFFL_SIR_GOPM_2_20200625T174646_20200625T175046_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have to SOFFL_SIR_GOPM_2_20200625T185116_20200625T185555_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality CS_OFFL_SIR_GOPM_2_20200625T185610_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Altimeter Range and Backscatter Quality Flags have beer for one or more records. OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Altimeter Range and Backscatter Quality Flags have beer for one or more records. OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beer for one or more records. OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beer for one or more records. OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beer for one or more records. OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beer for one or more records. OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beer for one or more records. OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range and Backscatter	CS_OFFL_SIR_GOPM_2_20200625T175216_20200625T175530_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Backscatter Quality CS_OFFL_SIR_GOPM_2_20200625T185601_20200625T185610_C001 DCGG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range Quality, DCCG Altimeter Range and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range Quality, DCCG Altimeter Range and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range Quality, DCCG Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range Quality, DCCG Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range Quality, DCCG Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range RSSHA, SWH and Backscatter Quality Flags have beer for one or more records. DCGG Altimeter Range Altimeter Range, SSHA, SWH and Backscatter Quality Flag	CS_OFFL_SIR_GOPM_2_20200625T183223_20200625T184737_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Backscatter Quality Groen or more records. CS_OFFL_SIR_GOPM_2_20200625T190258_20200625T192541_C001 CS_OFFL_SIR_GOPM_2_20200625T190258_20200625T192541_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_20200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T192552_20200625T193651_C001 CS_OFFL_SIR_GOPM_2_20200625T200157_20200625T202707_C001 CS_OFFL_SIR_GOPM_2_20200625T200157_20200625T202707_C001 CS_OFFL_SIR_GOPM_2_20200625T200157_20200625T202707_C001 CS_OFFL_SIR_GOPM_2_20200625T200157_20200625T203456_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T203840_C001 CS_OFF	CS_OFFL_SIR_GOPM_2_20200625T185116_20200625T185555_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been for one or more records. CS_OFFL_SIR_GOPM_2_20200625T192552_20200625T193651_C001 and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been for one or more records. CS_OFFL_SIR_GOPM_2_20200625T200157_20200625T202707_C001 CS_OFFL_SIR_GOPM_2_20200625T200157_20200625T202707_C001 CS_OFFL_SIR_GOPM_2_20200625T203020_20200625T203456_C001 CS_OFFL_SIR_GOPM_2_20200625T203020_20200625T203456_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T20840_C001 CS_OFFL_SIR	CS_OFFL_SIR_GOPM_2_20200625T185601_20200625T185610_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been for one or more records. CS_OFFL_SIR_GOPM_2_20200625T203020_20200625T203456_C001 CS_OFFL_SIR_GOPM_2_20200625T203020_20200625T203456_C001 CS_OFFL_SIR_GOPM_2_20200625T203020_20200625T203456_C001 CS_OFFL_SIR_GOPM_2_20200625T203020_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208	CS_OFFL_SIR_GOPM_2_20200625T190258_20200625T192541_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20200625T203157_20200625T203707_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been for one or more records. CS_OFFL_SIR_GOPM_2_20200625T203020_20200625T203456_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T20840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T203840_C00	CS_OFFL_SIR_GOPM_2_20200625T192552_20200625T193651_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Backscatter Quality CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 Backscatter Quality CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001 CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001 Document of the company	CS_OFFL_SIR_GOPM_2_20200625T200157_20200625T202707_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and Backscatter Quality Flags h	CS_OFFL_SIR_GOPM_2_20200625T203020_20200625T203456_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have to the Company of the	CS_OFFL_SIR_GOPM_2_20200625T203515_20200625T203840_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
	CS_OFFL_SIR_GOPM_2_20200625T204208_20200625T210840_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Altimeter Range and Backscatter Quality set for one or more records.	CS_OFFL_SIR_GOPM_2_20200625T211035_20200625T211330_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20200625T213719_20200625T213942_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been for one or more records.	CS_OFFL_SIR_GOPM_2_20200625T213719_20200625T213942_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

Backscatter Quality CS_OFFL_SIR_GOPM_2_20200625T214032_20200625T220832_C001 CS_OFFL_SIR_GOPM_2_20200625T220829_20200625T221409_C001 CS_OFFL_SIR_GOPM_2_20200625T220829_20200625T221409_C001 CS_OFFL_SIR_GOPM_2_20200625T220829_20200625T221409_C001 CS_OFFL_SIR_GOPM_2_20200625T220829_20200625T221409_C001 CS_OFFL_SIR_GOPM_2_20200625T22086_20200625T221409_C001 CS_OFFL_SIR_GOPM_2_20200625T22086_20200625T221409_C001 CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_C001 CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_C001 CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_C001 CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_C001 CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_C001 CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_C001 CS_OFFL_SIR_GOPM_2_20200625T230836_202			
CS_OFFL_SIR_GOPM_2_20200625T214032_2020625T221409_C001 CS_OFFL_SIR_GOPM_2_20200625T220929_20200625T221409_C001 CS_OFFL_SIR_GOPM_2_20200625T220929_20200625T221409_C001 CS_OFFL_SIR_GOPM_2_20200625T220929_20200625T225534_C001 CS_OFFL_SIR_GOPM_2_20200625T220929_20200625T225534_C001 CS_OFFL_SIR_GOPM_2_20200625T22093836_20200625T225044_C001 CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_C001 CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_C001 CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_C001 CS_OFFL_SIR_GOPM_2_20200625T233951_20200625T234222_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T234222_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T234222_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T234236_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T234836_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T234836_C001 CS_OFFL_SIR_GOPM_2_20200625T234836_20200625T234836_C001 CS_OFFL_SIR_GOPM_2_20200625T234836_20200625T234836_C001 CS_OFFL_SIR_GOPM_2_20200625T234836_20200625T234836_C001 CS_OFFL_SIR_GOPM_2_20200625T234836_20200625T234836_C001 CS_OFFL_SIR_GOPM_2_20200625T234836_20200625T234836_C001 CS_OFFL_SIR_GOPM_2_20200625T234836_20200625T234836_C001 CS_OFFL_SIR_GOPM_2_20200625T234836_20200625T234836_C001 CS_OFFL_SIR_GOPM_2_20200625T234836_20200625T234836_C001 CS_OFFL_SIR_GOPM_2_20200625T234836_20200625T234836_C001 CS_OFFL_SIR_GOPM_2_20200625T228406_20200625T22811_C001 CS_OFFL_SIR_GOPM_2_20200625T228406_20200625T22811_C001 CS_OFFL_SIR_GOPM_2_20200625T228406_20200625T228929_C001 CS_OFFL_SIR_GOPM_2_20200625T228806_20200625T229929_C001 CS_OFFL_SIR_GOPM_2_20200625T228806_20200625T229929_C001 CS_OFFL_SIR_GOPM_2_20200625T228806_20200625T229929_C001 CS_OFFL_SIR_GOPM_2_20200625T228806_20200625T229929_C001 CS_OFFL_SIR_GOPM_2_20200625T228806_20200625T229929_C001 CS_OFFL_SIR_GOPM_2_20200625T228806_20200625T229929_C001 CS_OFFL_SIR_GOPM_2_20200625T228806_20200625T229929_C001 CS_OFFL_SIR_GOPM_2_20200625T228806_20200625T229929_C001 CS_OFFL_SIR_GOPM_2_20200625T228806_20200625T229929_C	CS_OFFL_SIR_GOPM_2_20200625T213946_20200625T214029_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Backscatter Quality CS_OFFL_SIR_GOPM_2_20200625T222206_20200625T225534_CO01 CS_OFFL_SIR_GOPM_2_20200625T222206_20200625T225534_CO01 CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_CO01 CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_CO01 CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_CO01 CS_OFFL_SIR_GOPM_2_20200625T233951_20200625T234222_CO01 CS_OFFL_SIR_GOPM_2_20200625T233951_20200625T234222_CO01 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T234366_CO01 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T235436_CO01 CS_OFFL_SIR_GOPM_2_20200625T134392_20200625T134836_CO01 CS_OFFL_SIR_GOPM_2_20200625T134518_20200625T124836_CO01 CS_OFFL_SIR_GOPM_2_20200625T134518_20200625T124836_CO01 CS_OFFL_SIR_GOPM_2_20200625T234518_20200625T124836_CO01 CS_OFFL_SIR_GOPM_2_20200625T124518_20200625T124836_CO01 CS_OFFL_SIR_GOPM_2_20200625T22846_20200625T203020_CO01 CS_OFFL_SIR_GOPM_2_20200625T22846_20200625T203020_CO01 CS_OFFL_SIR_GOPM_2_20200625T22846_20200625T203020_CO01 CS_OFFL_SIR_GOPM_2_20200625T22846_20200625T203020_CO01 CS_OFFL_SIR_GOPM_2_20200625T22846_20200625T203020_CO01 CS_OFFL_SIR_GOPM_2_20200625T22846_20200625T203020_CO01 CS_OFFL_SIR_GOPM_2_20200625T22846_20200625T203020_CO01 COOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200625T22846_20200625T203020_	CS_OFFL_SIR_GOPM_2_20200625T214032_20200625T220632_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, COG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_C001 CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_C001 CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_C001 CS_OFFL_SIR_GOPM_2_20200625T233951_20200625T234222_C001 CS_OFFL_SIR_GOPM_2_20200625T233951_20200625T234222_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T234222_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T235436_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T235436_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T235436_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T235436_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T235436_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T235436_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T235436_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T124836_C001 CS_OFFL_SIR_GOPM_2_20200625T24518_20200625T124836_C001 CS_OFFL_SIR_GOPM_2_20200625T24518_20200625T124836_C001 CS_OFFL_SIR_GOPM_2_20200625T202836_20200625T203020_C001 CS_OFFL_SIR_GOPM_2_20200625T202836_20200625T212911_C001 CS_OFFL_SIR_GOPM_2_20200625T22840_20200625T212911_C001 CS_OFFL_SIR_GOPM_2_20200625T20805_20200625T220929_C001 CCG_Altimeter Range Quality, OCOG_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCG_OFFL_SIR_GOPM_2_20200625T20805_20200625T220929_C001 CCG_Altimeter Range Quality, OCOG_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCG_OFFL_SIR_GOPM_2_20200625T20805_20200625T20929_C001 CCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCG_OFFL_SIR_GOPM_2_20200625T20805_20200625T20929_C001 CCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCG_OFFL_SIR_GOPM_2_20200625T20805_20200625T20929_C001 CCG_Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCG_Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_GOPM_2_20200625T220929_20200625T221409_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200625T233951_20200625T234222_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T234236_C001 CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T235436_C001 CS_OFFL_SIR_GOPM_2_20200625T13439_20200625T235436_C001 CS_OFFL_SIR_GOPM_2_20200625T113439_20200625T13607_C001 CS_OFFL_SIR_GOPM_2_20200625T113439_20200625T124836_C001 CS_OFFL_SIR_GOPM_2_20200625T124518_20200625T124836_C001 CS_OFFL_SIR_GOPM_2_20200625T124518_20200625T124836_C001 CS_OFFL_SIR_GOPM_2_20200625T124518_20200625T124836_C001 CS_OFFL_SIR_GOPM_2_20200625T124518_20200625T124836_C001 CS_OFFL_SIR_GOPM_2_20200625T124518_20200625T124836_C001 CS_OFFL_SIR_GOPM_2_20200625T124518_20200625T124836_C001 CS_OFFL_SIR_GOPM_2_20200625T202836_20200625T203020_C001 CS_OFFL_SIR_GOPM_2_20200625T202836_20200625T203020_C001 CS_OFFL_SIR_GOPM_2_20200625T202836_20200625T203020_C001 CS_OFFL_SIR_GOPM_2_20200625T202805_20200625T203020_C001 CS_OFFL_SIR_GOPM_2_20200625T20805_20200625T203020_C001 CS_OFFL_SIR_GOPM_2_20200625T20805_20200625T203020_C001 CS_OFFL_SIR_GOPM_2_20200625T20805_20200625T203020_C001 CS_OFFL_SIR_GOPM_2_20200625T20805_20200625T203020_C001 CS_OFFL_SIR_GOPM_2_20200625T20805_20200625T203020_C001 CS_OFFL_SIR_GOPM_2_20200625T20805_20200625T203020_C001 CS_OFFL_SIR_GOPM_2_20200625T20805_20200625T203020_C001 CCCCA Altimeter Range Quality, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CCCCA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCCA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCCA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCCA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCCA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCCCA Altimeter Range and Backscatt	CS_OFFL_SIR_GOPM_2_20200625T222206_20200625T225534_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T235436_C001 CS_OFFL_SIR_GOPN_2_20200625T113439_20200625T113607_C001 CS_OFFL_SIR_GOPN_2_20200625T113439_20200625T113607_C001 CS_OFFL_SIR_GOPN_2_20200625T124518_20200625T124836_C001 CS_OFFL_SIR_GOPN_2_20200625T124518_20200625T124836_C001 CS_OFFL_SIR_GOPN_2_20200625T124518_20200625T124836_C001 CS_OFFL_SIR_GOPN_2_20200625T124518_20200625T124836_C001 CS_OFFL_SIR_GOPN_2_20200625T202836_20200625T03020_C001 CS_OFFL_SIR_GOPN_2_20200625T202836_20200625T203020_C001 CS_OFFL_SIR_GOPN_2_20200625T202836_20200625T200920_C001 CCOG Altimeter Range And Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200625T202836_20200625T042753_C001 CCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCOG Altimeter Range and Backscatter Qual	CS_OFFL_SIR_GOPM_2_20200625T230836_20200625T231049_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality Gro one or more records. CS_OFFL_SIR_GOPN_2_20200625T113439_20200625T113607_C001 DCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200625T124518_20200625T124836_C001 DCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200625T124518_20200625T124836_C001 DCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200625T202836_20200625T203020_C001 DCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200625T212840_20200625T212911_C001 DCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200625T212840_20200625T212911_C001 DCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20200625T233951_20200625T234222_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality Gor one or more records. CS_OFFL_SIR_GOPN_2_20200625T124518_20200625T124836_C001 DCOG Altimeter Range Quality, OCOG Backscatter Quality CS_OFFL_SIR_GOPN_2_20200625T202836_20200625T203020_C001 DCOG Altimeter Range Quality, OCOG Backscatter Quality CS_OFFL_SIR_GOPN_2_20200625T202836_20200625T203020_C001 DCOG Altimeter Range Quality, OCOG Backscatter Quality CS_OFFL_SIR_GOPN_2_20200625T212840_20200625T212911_C001 DCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. DCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20200625T234914_20200625T235436_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Backscatter Quality CS_OFFL_SIR_GOPN_2_20200625T202836_20200625T203020_C001 Backscatter Quality CS_OFFL_SIR_GOPN_2_20200625T202836_20200625T203020_C001 CS_OFFL_SIR_GOPN_2_20200625T212840_20200625T212911_C001 CS_OFFL_SIR_GOPN_2_20200625T212840_20200625T212911_C001 CS_OFFL_SIR_GOPN_2_20200625T212840_20200625T212911_C001 CS_OFFL_SIR_GOPN_2_20200625T212840_20200625T212911_C001 CS_OFFL_SIR_GOPN_2_20200625T212840_20200625T212911_C001 CS_OFFL_SIR_GOPN_2_20200625T220805_20200625T220929_C001 CS_OFFL_SIR_GOPN_2_20200625T220805_20200625T220929_C001 CS_OFFL_SIR_GOPN_2_20200625T220805_20200625T042753_C001 CCGan Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CCGA Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CCGA Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CCGA Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CCGA Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20200625T113439_20200625T113607_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Backscatter Quality CS_OFFL_SIR_GOPN_2_20200625T212840_20200625T212911_C001 Backscatter Quality CS_OFFL_SIR_GOPN_2_20200625T212840_20200625T212911_C001 CS_OFFL_SIR_GOPN_2_20200625T212840_20200625T212911_C001 CS_OFFL_SIR_GOPN_2_20200625T220805_20200625T220929_C001 CS_OFFL_SIR_GOPN_2_20200625T220805_20200625T220929_C001 CS_OFFL_SIR_GOPN_2_20200625T220805_20200625T042753_C001 CS_OFFL_SIR_GOPR_2_20200625T042552_20200625T042753_C001 CS_OFFL_SIR_GOPR_2_20200625T042753_C001 CS_OFFL_SIR_GOPR_2_20200625T042753_C001 CS_OFFL_SIR_GOPR_2_20200625T042753_C001 CS_OFFL_SIR_GOPR_2_20200625T042753_C001 CS_OFFL_SIR_GOPR	CS_OFFL_SIR_GOPN_2_20200625T124518_20200625T124836_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20200625T212840_20200625T212911_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200625T220805_20200625T220929_C001 CS_OFFL_SIR_GOPR_2_20200625T042552_20200625T042753_C001 and Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20200625T202836_20200625T203020_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Backscatter Quality for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_GOPN_2_20200625T212840_20200625T212911_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20200625T042552_20200625T042753_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_GOPN_2_20200625T220805_20200625T220929_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
	CS_OFFL_SIR_GOPR_2_20200625T042552_20200625T042753_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

L2 Quality Flags (20Hz PLRM)

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

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

Number of products with errors:

00

Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20200625T000016_20200625T000113_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_20200625T022419_20200625T022941_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_20200625T030849_20200625T030944_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_20200625T031852_20200625T031926_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_20200625T043717_20200625T044039_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_20200625T045413_20200625T045526_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_20200625T045659_20200625T045925_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_20200625T051636_20200625T052201_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_20200625T053146_20200625T053248_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_20200625T053556_20200625T053949_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_20200625T063334_20200625T063557_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_20200625T081320_20200625T081754_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_20200625T081837_20200625T081959_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_20200625T082344_20200625T082557_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_20200625T095526_20200625T100035_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_20200625T104507_20200625T104622_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_20200625T110202_20200625T110537_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_20200625T111644_20200625T111701_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_20200625T124518_20200625T124836_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_20200625T140249_20200625T140356_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_20200625T144149_20200625T144341_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_20200625T144510_20200625T144615_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_20200625T153954_20200625T154105_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_20200625T154105_20200625T154137_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_20200625T163833_20200625T164238_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_20200625T171820_20200625T172433_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_20200625T173429_20200625T173557_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_20200625T180026_20200625T180425_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_20200625T182158_20200625T182410_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_20200625T185743_20200625T190101_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_20200625T193651_20200625T193813_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_20200625T193858_20200625T194247_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_20200625T195823_20200625T200157_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_20200625T202836_20200625T203020_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_20200625T203840_20200625T203955_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_20200625T211330_20200625T211939_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_20200625T220805_20200625T220929_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_20200625T221745_20200625T221903_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_20200625T231159_20200625T231226_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_20200625T232814_20200625T232842_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_20200625T235436_20200625T235745_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_20200625T000126_20200625T000455_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_20200625T003556_20200625T003842_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_20200625T004823_20200625T005150_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_20200625T012757_20200625T013512_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_20200625T021315_20200625T021911_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_20200625T022941_20200625T023146_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_20200625T030755_20200625T030849_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_20200625T035253_20200625T035855_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_20200625T044732_20200625T045214_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_20200625T060455_20200625T061311_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_20200625T062725_20200625T063334_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_20200625T072835_20200625T073004_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_20200625T080449_20200625T080713_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_20200625T085338_20200625T085550_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_20200625T094540_20200625T095526_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_20200625T103215_20200625T103543_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_20200625T105249_20200625T105729_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_20200625T112652_20200625T113439_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_20200625T113607_20200625T113646_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_20200625T121150_20200625T121513_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_20200625T122507_20200625T122731_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.

Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20200625T130703_20200625T131615_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 PLRM ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM ocean Altimeter Range, SSHA, SWH and Backscatter Quality	
CS_OFFL_SIR_GOPR_2_20200625T140356_20200625T140730_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 PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range and Backscatte	
CS_OFFL_SIR_GOPR_2_20200625T144626_20200625T145346_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 PLRM and Backscatter Quality PLRM	
CS_OFFL_SIR_GOPR_2_20200625T160104_20200625T160259_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have be more records.	een set for one or
CS_OFFL_SIR_GOPR_2_20200625T161134_20200625T161301_C001 CS_OFFL_SIR_GOPR_2_20200625T161134_20200625T161301_C001 CS_OFFL_SIR_GOPR_2_20200625T161134_20200625T161301_C001 Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range and Backscatter Quality PLRM	
CS_OFFL_SIR_GOPR_2_20200625T162539_20200625T163059_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 PLRM and Backscatter Quality PLRM	
CS_OFFL_SIR_GOPR_2_20200625T163123_20200625T163303_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have be more records.	een set for one or
CS_OFFL_SIR_GOPR_2_20200625T165222_20200625T165409_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, or records.	een set for one or
CS_OFFL_SIR_GOPR_2_20200625T175653_20200625T175920_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have be more records.	een set for one or
CS_OFFL_SIR_GOPR_2_20200625T175940_20200625T180026_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM Ocean Altimeter Range and	
CS_OFFL_SIR_GOPR_2_20200625T180718_20200625T181118_C001 CS_OFFL_SIR_GOPR_2_20200625T180718_20200625T181118_C001 CS_OFFL_SIR_GOPR_2_20200625T180718_20200625T181118_C001 And Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality FLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM The Ocean Altimeter Range and Backscatter Quality FLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM The Ocean Altimeter Range and Backsca	
CS_OFFL_SIR_GOPR_2_20200625T181653_20200625T181707_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have be more records.	een set for one or
CS_OFFL_SIR_GOPR_2_20200625T182511_20200625T183015_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have be more records.	een set for one or
CS_OFFL_SIR_GOPR_2_20200625T183017_20200625T183223_C001 CS_OFFL_SIR_GOPR_2_20200625T183017_20200625T183223_C001 And Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20200625T183017_20200625T183223_C001 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range and Backscatter Qualit	
CS_OFFL_SIR_GOPR_2_20200625T194247_20200625T195116_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 PLRM and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM and Backscatter Quality PLRM	
CS_OFFL_SIR_GOPR_2_20200625T202707_20200625T202835_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 PLRM and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM and Backscatter Quality PLRM	
CS_OFFL_SIR_GOPR_2_20200625T211939_20200625T212840_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 PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range and B	
CS_OFFL_SIR_GOPR_2_20200625T212911_20200625T213133_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, more records.	een set for one or
CS_OFFL_SIR_GOPR_2_20200625T221903_20200625T222206_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM ocog Altimeter Range and Backscatter Quality Function of the Company of the Compan	
CS_OFFL_SIR_GOPR_2_20200625T225910_20200625T230225_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 PLRM and Backscatter Quality PLRM	
CS_OFFL_SIR_GOPR_2_20200625T230225_20200625T230836_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 PLRM and Backscatter Quality PLRM	
CS_OFFL_SIR_GOPR_2_20200625T233816_20200625T233951_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, more records.	een set for one or
CS_OFFL_SIR_GOPR_2_20200625T234529_20200625T234747_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 PLRM set for one or more records.	

L2 Quality Flags (1 Hz & 1Hz PLRM)

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

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

5.8 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20Hz)

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 (20Hz, PLRM)

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

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

Number of products with errors:

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

6.1 P2P Product Format Check

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

Number of products with errors:

0

152

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:

Λ

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:

Ω

6.4 P2P Auxiliary Correction Error Check

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

Currently, there are some common auxiliary correction errors raised in the Level 2 products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this 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: 30

	l=	I
Product	Test Failed	Description
CS_OFFL_SIR_GOP_220200624T235501_20200625T004435_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_220200625T004435_20200625T013414_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_2_20200625T013414_20200625T022348_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_220200625T022348_20200625T031328_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_220200625T031328_20200625T040302_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_2_20200625T040302_20200625T045241_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_20200625T045241_20200625T054215_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_20200625T054215_20200625T063155_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_20200625T063155_20200625T072129_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and 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_20200625T072129_20200625T081108_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_20200625T081108_20200625T090043_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_20200625T090043_20200625T095022_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_20200625T095022_20200625T103956_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_20200625T103956_20200625T112936_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_220200625T112936_20200625T121910_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_20200625T121910_20200625T130849_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_20200625T130849_20200625T135823_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_20200625T135823_20200625T144803_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_20200625T144803_20200625T153737_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_20200625T153737_20200625T162716_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_20200625T162716_20200625T171650_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_20200625T171650_20200625T180630_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_20200625T180630_20200625T185604_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_20200625T185604_20200625T194543_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_20200625T194543_20200625T203518_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_220200625T203518_20200625T212457_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_2_20200625T212457_20200625T221431_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_20200625T221431_20200625T230411_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_20200625T230411_20200625T235345_C002	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20200625T235345_20200626T004324_C002	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

3

6.6 P2P Measurement Quality Flag Check

P2P Quality Flags (20Hz)

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:

29

P2P Quality Flags (20Hz PLRM)

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

Number of products with errors:

29

P2P Quality Flags (1 Hz & 1Hz 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:

30

6.8 P2P Ocean Retracking Quality Check

P2P Retracking Flags (20Hz)

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

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

Number of products with errors:

27

30

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:

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	157	157	3	154	0
SIR_GOPR1B	111	111	0	111	0
SIR_GOPN1B	112	112	0	112	0
SIR_GOPM_2	157	157	109	48	0
SIR_GOPR_2	111	111	34	76	1
SIR_GOPN_2	112	112	46	66	0
SIR GOP P2P	29	29	0	28	1

7.1 QCC Errors

Number of QCC reports with errors:

RL

Product Type RLOBOPNCDF SIR_GOPR_2 1

Product Type RLOBOPNCDF
SIR_GOP_2 1

2

RLOBOPNCDF

RLOBOPNCDF

	Total number	of occurrences	of each error				
RL	-	-	-	-	-	-	•
1							

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			
RL	RangeLongitude_7	Longitude should be between -180E7 and 180E7			

7.2 QCC Warnings

Number of QCC reports with warnings

2241

Total number of	occurrences	of each	warning

	Total name of countries						
Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD
SIR_GOPM1B	154	0	0	0	0	0	0
SIR_GOPM_2	0	0	34	37	0	38	0
SIR_GOPN1B	108	0	0	0	0	0	0
SIR_GOPN_2	0	0	10	37	6	25	29
SIR_GOPR1B	105	0	0	0	0	0	0
SIR_GOPR_2	0	1	41	52	1	37	37

Product Type	RBSZOPOEPNCDF	RMSSGHOPONCDF	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCE	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	32	1	0	32	0	0	0
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	19	0	0	0	0	26	0
SIR_GOPR1B	0	0	0	0	0	0	0
SIR_GOPR_2	22	0	1	0	51	0	58

Product Type	RPEPOPFDSINNCDF	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	0	25	0	0	0	24	0
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	36	0	0	32	20	48	54
SIR_GOPR1B	0	0	0	0	0	0	0
SIR_GOPR_2	0	0	49	0	3	67	40

Product Type	RSSHAONCDF	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	3	33	0	2	0	0	0
SIR_GOPN1B	0	0	0	0	0	0	52
SIR_GOPN_2	29	36	34	12	0	5	0
SIR_GOPR1B	0	0	0	0	1	0	111
SIR_GOPR_2	8	46	55	6	0	2	0

Product Type	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNC	RBSZOPOEPNCDF
SIR_GOP_2_	13	29	29	6	29	19	29

Product Type	RMSSGHOPONCDF	RNELPOTONCDF	RPEPOPFDPLRMSINNCDI	RPEPOPFDSINNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF
SIR_GOP_2_	1	1	19		25	18	29

Product Type	RSSHAOFDPLRMNCDF	RSSHAONCDF	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHLPQWNCDF	-
SIR_GOP_2_	19	25		21	15	29	

Test 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
RMSSGHOPONCDF	RangeMSSGeoidHeightOPOceanNetCDF	The MSS/geoid height should be between -106000mm and 88000mm (or missing) for surface type = ocean - NetCDF
RNELPOTONCDF	RangeNELPOceanTideOceanNetCDF	The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSINN CDF	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
	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	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

		The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPFDPLRMNC	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Stop_v2_NetCDF	Rel_Time_ASC_Node_Stop mismatch
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter

7.3 Missing QCC Reports

Number of products with missing QCC reports:

Product name	
0	

Product name
CS_OFFL_SIR_GOP_2_20200625T235345_20200626T004324_C002