

QA4EO Daily Report for GOP data:

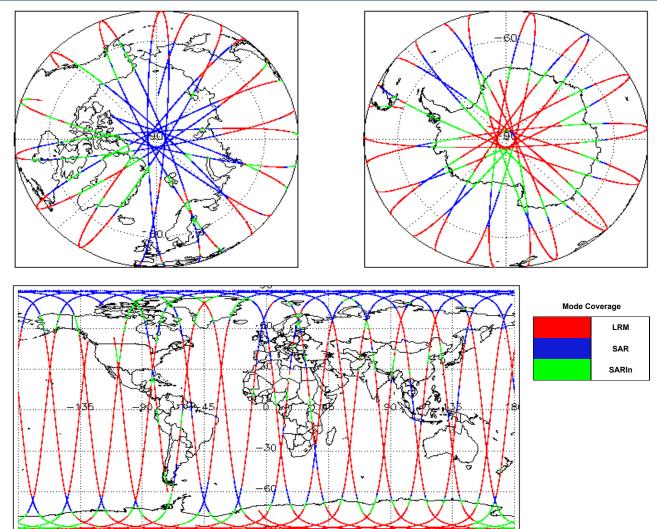
03/12/2019

Benert Breduction	02-Jan-2020	Check	L1 & L2	P2P
Report Production:	02-Jan-2020	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	Cruce Set Occor Brosser	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor used.	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Geophysical Ocean Products (GOP)	Product Format Check	Nominal	Nominal
Data Useu.	L1B, L2 & P2P Science Data	Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
		Measurement Confidence Data Check	See Section 4.5, 4.6	Nominal
		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

1. Overview

Mission / Instrument News 02-Dec-2019 None 03-Dec-2019 None 04-Dec-2019 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).

Number of products with errors:

0

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: 0	lumber of products with errors: 0				
4.3 L1B Auxilary Data File Usage Check					
Each product is checked for missing Data Set Descriptors with respect to a pre-on- Number of products with errors: 0	determined baseline and also	to check the validity of Auxiliary Data Files is correct.			
4.4 L1B Auxiliary Correction Error Check					
CryoSat L1B data includes a correction error flag for each measurement record. Number of products with errors: 0	The bit value of this flag indic	ates any problems when set.			
4.5 L1B Measurement Confidence Data Check					
CryoSat L1B data includes a measurement confidence flag for each measurement Attitude Correction Missing: This flag is currently set in error for GOPR produce Number of products with errors: 0					
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 indic	ates any problems when set.			
Loss of Echo Flag: This flag is currently set for some products over land, but the	nis is to be expected.				
Number of products with errors: 17					
Product	Test Failed	Description			
CS_OFFL_SIR_GOPN1B_20191203T030751_20191203T030922_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20191203T041436_20191203T041714_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20191203T044746_20191203T045202_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20191203T094431_20191203T094639_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20191203T122131_20191203T122647_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20191203T131234_20191203T131636_C001 CS_OFFL_SIR_GOPN1B_20191203T163047_20191203T163306_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20191203T163349_20191203T163529_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS OFFL SIR GOPN1B 20191203T212045 20191203T212129 C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPR1B_20191203T005139_20191203T005611_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPR1B_20191203T030453_20191203T030751_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPR1B_20191203T031456_20191203T032020_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPR1B_20191203T142305_20191203T142508_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPR1B_20191203T163620_20191203T163840_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPR1B_20191203T202920_20191203T203249_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPR1B_20191203T222215_20191203T222529_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPR1B_20191203T230404_20191203T231413_C001	Loss of Echo	The tracking echo is missing for one or more records			
5. GO	P Level 2 Data Q	uality Check			
5.1 L2 Product Format Check					
	sure it consists of both an XM	I header file (HDR) and a hinary product file (DRI)			
Number of products with errors: 0	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.					
Number of products with errors: 0					
5.4 L2 Auxiliary Correction Error Check					
For all products, the auxiliary corrections within the Geophysical Group are chec	cked 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 Correctior 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 p	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: 57					
Product	Test Failed	Description			

Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20191203T003928_20191203T004127_C001	Mean Dynamic Lobodraphy (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records

CS_OFFL_SIR_GOPN_2_20191203T005008_20191203T005139_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_20191203T013317_20191203T013419_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_20191203T022732_20191203T022937_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_20191203T031118_20191203T031333_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_20191203T035745_20191203T035932_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_20191203T041436_20191203T041714_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:
CS_OFFL_SIR_GOPN_2_20191203T044746_20191203T045202_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_20191203T054707_20191203T054912_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_20191203T080324_20191203T080730_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_20191203T103552_20191203T103718_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_20191203T104230_20191203T104532_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_20191203T121605_20191203T121908_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_20191203T122131_20191203T122647_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_20191203T131234_20191203T131636_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 Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20191203T135608_20191203T135843_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_20191203T145123_20191203T145238_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_20191203T145433_20191203T145709_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 Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20191203T153108_20191203T153710_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_20191203T163047_20191203T163306_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_20191203T163349_20191203T163529_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20191203T171325_20191203T171512_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_20191203T181018_20191203T181500_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_20191203T185303_20191203T185438_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_20191203T190144_20191203T190431_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_20191203T203249_20191203T203637_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_20191203T211156_20191203T211324_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_20191203T212316_20191203T212405_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_20191203T221227_20191203T221542_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_20191203T222055_20191203T222215_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_20191203T230326_20191203T230404_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20191202T235519_20191203T000311_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_20191203T013419_20191203T014003_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_20191203T030453_20191203T030751_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 Ocean Tide for one or more records

CS_OFFL_SIR_GOPR_2_20191203T031333_20191203T031456_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_20191203T031456_20191203T032020_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_20191203T045202_20191203T045724_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_20191203T063025_20191203T063934_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_20191203T063934_20191203T064011_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_20191203T080730_20191203T081505_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_20191203T094639_20191203T095327_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_20191203T095327_20191203T095624_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_20191203T112503_20191203T113225_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_20191203T113225_20191203T113412_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_20191203T130503_20191203T130619_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non- equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOPR_2_20191203T130650_20191203T131120_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_20191203T131120_20191203T131234_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_20191203T144450_20191203T144952_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_20191203T144952_20191203T145123_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_0FFL_SIR_GOPR_2_20191203T162441_20191203T163047_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_20191203T180150_20191203T180200_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_20191203T180200_20191203T180430_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_20191203T180608_20191203T181018_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_20191203T194034_20191203T195059_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_20191203T211325_20191203T211357_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_0FFL_SIR_GOPR_2_20191203T212406_20191203T213153_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_20191203T230404_20191203T231413_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

5.5 L2 Measurement Confidence Data Check

CryoSat L2 data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.
Number of products with errors:
0

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.

78

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20191203T000517_20191203T003839_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191203T004645_20191203T005007_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191203T005725_20191203T012849_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

CS_OFFL_SIR_GOPM_2_20191203T014214_20191203T014239_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_20191203T014732_20191203T015606_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_20191203T020047_20191203T021816_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_20191203T022010_20191203T022522_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_20191203T022542_20191203T022554_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_20191203T022558_20191203T022731_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_20191203T023522_20191203T024905_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_20191203T025203_20191203T030453_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_20191203T033048_20191203T034107_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_20191203T034246_20191203T035654_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_20191203T035932_20191203T040433_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_20191203T040458_20191203T040507_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_20191203T041309_20191203T041436_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_20191203T041714_20191203T042644_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_20191203T042959_20191203T043457_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_20191203T051345_20191203T053611_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_20191203T054007_20191203T054349_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_20191203T055030_20191203T061809_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_20191203T065027_20191203T071524_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_20191203T071749_20191203T072303_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_20191203T073041_20191203T080324_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_20191203T082354_20191203T084455_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_20191203T084939_20191203T085417_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_20191203T085749_20191203T090337_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_20191203T091013_20191203T094254_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_20191203T095624_20191203T095720_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_20191203T101836_20191203T102025_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.

Attempt Telescont Attempt Telescont Statistics for an ensures. CI GPF_ SP_ OPF_2 2019121110211201120112011201120112011201	CS OFFL SIR GOPM 2 20191203T102158 20191203T103233 C001	Ocean Altimeter Range, SSHA, SWH 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
CPUT-DEL_CONT_CONTINUUM_LINE Bits Accord General System In the market meanses. C1_DEFSIR_CONT_2_D0101233111086_0010 (2011) Accord General General System Accord General General General System Accord General Genera General General General General General General Gener			set for one or more records.
Del_OPP_UP_DP_OPP_OPP_OPP_OPP_OPP_OPP_OPP_OPP_OPP	CS_OFFL_SIR_GOPM_2_20191203T103718_20191203T104230_C001	Backscatter Quality	
CB_0FT_LBR_0FT_LBR_0FT_201020111130_0101022111130_01010211111000_0101	CS_OFFL_SIR_GOPM_2_20191203T104857_20191203T111045_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Cd_DFT_BR_QOPU_2_0101031113528_01012031113528_01012 with disclosure Quilip_QUID Cd_QFT_BR_QOPU_2_0101031114776_0101203111534_01010 CDDDA Allines Farge and Bakkade Quilip_Tage have been and the control. Cd_QFT_BR_QOPU_2_0101031114776_0101203111534_01010 CDDA Allines Farge and Bakkade Quilip_Tage have been and the control. Cd_QFT_BR_QOPU_2_0101031114776_0101203111534_01010201120112010_0000 CDDA Allines Farge and Bakkade Quilip_Tage have been and the control. Cd_QFT_BR_QOPU_2_0101031111377_01011201112012_0000 CDDA Allines Farge and Bakkade Quilip_Tage have been and the control. Cd_QFT_BR_QOPU_2_0101031111377_0101120112012_0000 CDDA Allines Farge and Bakkade Quilip_Tage have been and the control. Cd_QFT_BR_QOPU_2_0101031111377_0101120112012_0000 CDDA Allines Farge and Bakkade Quilip_Tage have been and the control. Cd_QFT_BR_QOPU_2_0101031111377_0101120112012_0000 CDDA Allines Farge and Bakkade Quilip_Tage have been and the control. Cd_QFT_BR_QOPU_2_010103111377_0101201112012_0000 CDDA Allines Farge and Bakkade Quilip_Tage have been and the control. Cd_QFT_BR_QOPU_2_010103111377_0101201112012_0000 CDDA Allines Farge and Bakkade Quilip_Tage have been and the control. Cd_QFT_BR_QOPU_2_010103111377_010120114201_0000 CDDA Allines Farge and Bakkade Quilip_Tage have been and the control. Cd_QFT_BR_QOPU_2_0101031114220_0000 CDDA Allines Farge and Bakkade Quilip_Tage have been and the control. Cd_QFT_BR_QOPU_2_0101031114220_01000 CDDA Allines Farge and Bakkade Quilip_Tage have been and the control on the control	CS_OFFL_SIR_GOPM_2_20191203T111330_20191203T112304_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Control Endexater Quality Norw of more more contexts. C5.0FTL_SR_GOP1_2_20191207115242_2019120712154_0001 Death Althoust Range, SSNA, SMN1 The Ocean Althoust Range, SSNA, SMN1 and Buckecater Quality Range and Statusce Catality Range and Statusce Range, SSNA, SMN1 and Buckecater Quality Range have backet Range and Range Range, SSNA, SMN1 and Buckecater Quality Range have backet Range SSNA,	CS_OFFL_SIR_GOPM_2_20191203T113629_20191203T113653_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C01_CFTL_SIR_COPPL_2.01910307111524_2.0191020711154_001 will backsatter Cuality, COCO X01_CFTL_SIR_COPPL_2.0191037112022_2.01910207112017_20107_0010 Cocoa Altereter Range SSH, SWH X03_CFTL_SIR_COPPL_2.01910207112022_2.01910207112017_0010 Cocoa Altereter Range SSH, SWH X03_CFTL_SIR_COPPL_2.01910207112022_2.01910207112070_20107007133800_001 Cocoa Altereter Range SSH, SWH X03_CFTL_SIR_COPPL_2.01910207112070_20107007134800_001 Cocoa Altereter Range SSH, SWH X04_CFTL_SIR_COPPL_2.01910207112070_2010700714800_001 Cocoa Altereter Range SSH, SWH X04_CFTL_SIR_COPPL_2.01910207112070_2010700714800_001 Cocoa Altereter Range SSH, SWH X04_CFTL_SIR_COPPL_2.01910207112070_20107007148000_001 Cocoa Altereter Range SSH, SWH X04_CFTL_SIR_COPPL_2.01910207140741_201910207142046_0001 Cocoa Altereter Range SSH, SWH X04_CFTL_SIR_COPPL_2.01910207140741_201910207140746_0001 Cocoa Altereter Range SSH, SWH X04_CFTL_SIR_COPPL_2.01910207140741_201910207140746_0001 Cocoa Altereter Range SSH, SWH X04_CFTL_SIR_COPPL_2.01910207140741_20191020714046_0001 Cocoa Altereter	CS_OFFL_SIR_GOPM_2_20191203T114700_20191203T115146_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
C4_OFT_SIR_GOPM_2_20191203112282_20191203113012_20191201133829_0001 and Backsteater Calling, OGC America Parage and Backsteater Calling, Parage have been America Parage Calling, OGC America Parage and Backsteater Calling, Parage have been America Parage Calling, OGC America Parage and Backsteater Calling, Parage have been America Parage Calling, OGC America Parage and Backsteater Calling, Parage have been America Parage Calling, OGC America Parage and Backsteater Calling, Parage have been America Parage SIA, SNH and Backsteater Calling, Parage have been America Parage SIA, SNH and Backsteater Calling, Parage have been America Parage SIA, SNH and Backsteater Calling, Parage have been America Parage SIA, SNH and Backsteater Calling, Parage have been America Parage SIA, SNH and Backsteater Calling, Parage have been America Parage SIA, SNH and Backsteater Calling, Parage have been America Parage SIA, SNH and Backsteater Calling, Parage have been America Parage SIA, SNH and Backsteater Calling, Parage have been America Parage SIA, SNH and Backsteater Calling, Parage have been America Parage SIA, SNH and Backsteater Calling, Parage h	CS_OFFL_SIR_GOPM_2_20191203T115324_20191203T121154_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_OFFL_SIR_GOPM_2_20191203T13724_00191203T134820_001 and Beakcatter Cuality COOG Alternet Range SIM_SWH and Beakcatter Cuality Flags have been alternet Range SIM_SWH CB_OFFL_SIR_GOPM_2_20191203T133615_20191203T134820_001 DOGM Alternet Range SIM_SWH The OCOM Alternet Range SIM_SWH to COM Alternet Range SIM_SWH CB_OFFL_SIR_GOPM_2_20191203T140255_20191203T140256_001 DOGM Alternet Range Gallaty, COOG Alternet Range SIM_SWH The OCOM Alternet Range SIM_SWH to com an alternet Range. CB_OFFL_SIR_GOPM_2_20191203T140256_20191203T140256_001 DOGM Alternet Range SIM_SWH and Beackatter Cuality, COOG Alternet Range. The OCOM Alternet Range SIM_SWH to com a Minister Range. CB_OFFL_SIR_GOPM_2_20191203T140256_20191203T140256_001 DOGM Alternet Range SIM_SWH and Beackatter Cuality, COOG Alternet Range. The OCOM Alternet Range SIM_SWH to com alternet Range. CB_OFFL_SIR_GOPM_2_20191203T140266_20191203T140256_00191203T140256_00191203T140256_00191203T140256_00191203T1405716_0010_0019 Doman Alternet Range. SiM_SWH and Beackatter Cuality, CoOG Alternet Range and Beakcatter Cuality, Flags have been after on or none rooms. CB_OFFL_SIR_GOPM_2_20191203T140251_00191203T16013_001 Doman Alternet Range. SiM_SWH and Beackatter Cuality. The OCOM Alternet Range and Beakcatter Cuality. CB_OFFL_SIR_GOPM_2_20191203T16012_00191203T16013_001 Doman Alternet Range and Beakcatter Cuality. The OCOM Alternet Range and Beakcatter Cuality. CB_OFFL_SIR_GOPM_2_20191203T16013_00191203T16013_0001 Doman Alternet Range and Beakcatter Cuality. The OCOM Alternet Range and Beakcatter Cual	CS_OFFL_SIR_GOPM_2_20191203T122832_20191203T130137_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20191231T13946_20191233T14939_0011 And Backscatter Cuality, COG and Backscatter Cuality, COG Backscatter Cuality, COG Attinuets Range Buildy, COG Backscatter Cuality, COG Backscatte	CS_OFFL_SIR_GOPM_2_20191203T131724_20191203T133629_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Construction Backscatter Quality for one or more recode. CS_OFFL_SIR_GOPM_2_20191203T140741_20191203T142306_C001 Coean Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlineter Range, SSHA, SWH and Backscatter Quality Flags have been Atlinate	CS_OFFL_SIR_GOPM_2_20191203T133645_20191203T134930_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2.20191203T140741_20191203T142306_0001 and Backscatter Quality, COQ Milmeter Range and Backscatter Quality Flags have been add Backscatter Quality and Backscatter Quality Flags have been add Backscatter Quality add Backscatter Quality and	CS_OFFL_SIR_GOPM_2_20191203T140225_20191203T140543_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191203T142508_20191203T143456_C001 and Backscatter Quality COCG Minimeter Range and Backscatter Quality Flags have been Atlimeter Range, SSHA, SWH and Backscatter Quality Flags have been Atlimeter Range and Backscatter Quality Flags have been Atlimeter Range, SSHA, SWH and Backscatter Quality Flags have been Atlimeter Range, SSHA, SWH and Backscatter Quality Flags have been Atlimeter Range, SSHA, SWH and Backscatter Quality Flags have been Atlimeter Range, SSHA, SWH and Backscatter Quality Flags have been Atlimeter Range, SSHA, SWH and Backscatter Quality Flags have been Atlimeter Range, SSHA, SWH and Backscatter Quality Flags have been Atlimeter Range, SSHA, SWH and Backscatter Quality Flags have been Atlimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_GOPM_2_20191203T153010_20191203T153106_C001 Ocean Atlimeter Range CSHA, SWH and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_GOPM_2_20191203T153100_2001 Ocean Atlimeter Range Quality, OCOG Atlimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T154010_20191203T154043_C001 OCCOG Atlimeter Range Quality, OCOG Atlimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164013_20191203T164013_C001 OCCOG Atlimeter Range Quality, OCOG Atlimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164013_C001 OCCOG Atlimeter Range Quality, OCOG Atlimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164712_0	CS_OFFL_SIR_GOPM_2_20191203T140741_20191203T142305_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20191203T15010_20191203T150013_C001 and Backscatter Quality COG Alimeter Range and Backscatter Quality Flags have been aft for one or more records. CS_OFFL_SIR_GOPM_2_20191203T150022_20191203T151346_C001 Ocean Alimeter Range and Backscatter Quality COG Alimeter Range and Backscatter Quality Flags have been and to coco Alimeter Range and Backscatter Quality Flags have been and the coco Alimeter Range and Backscatter Quality Flags have been and the coco Alimeter Range and Backscatter Quality Flags have been and the coco Alimeter Range and Backscatter Quality Flags have been for one or more records. CS_OFFL_SIR_GOPM_2_20191203T154013_20191203T154000_C001 OCCG Alimeter Range Quality. OCCG Backscatter Quality The OCCG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T154714_20191203T164027_20191203T164027_20191203T164027_20191203T164027_20191203T164027_20191203T164027_20191203T171213_C001 OCCG Alimeter Range Quality. OCCG Backscatter Quality The OCCG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164027_20191203T171213_C001 OCCG Alimeter Range Quality. OCCG Backscatter Quality The OCCG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SI	CS_OFFL_SIR_GOPM_2_20191203T142508_20191203T143456_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20191203T150022_20191203T151346_C001 and Backscatter Quality and the QCGS Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality and the QCGS Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20191203T153010_20191203T153108_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T154013_20191203T154043_C001 OCCG Altimeter Range Quality, OCCG Backscatter Quality The OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T154013_20191203T154043_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164013_20191203T160132_C001 OCEAn Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164027_20191203T164552_C001 OCEA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164032_C011 OCEA Altimeter Range Quality, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164037_20191203T171213_C001 OCEA Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20191203T145710_20191203T150013_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20191203T153010_20191203T153108_C001 and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T153710_20191203T154000_C001 DCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T154013_20191203T154443_C001 DCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T154714_20191203T164132_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164027_20191203T164052_C001 OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164032_20191203T171213_C001 OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T171512_20191203T171513_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T17512_20191203T175134_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T175134_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20	CS_OFFL_SIR_GOPM_2_20191203T150022_20191203T151346_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OFFL_SIR_GOPM_2_20191203T154/013_20191203T154/043_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_GOPM_2_20191203T154/013_20191203T154/443_C001 OCGG Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T154/714_20191203T160132_C001 Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164027_20191203T164552_C001 OCCG Altimeter Range Quality, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T1646027_20191203T171213_C001 OCCG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T171512_20191203T1771512_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T175134_C001 OCCG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T172619_20191203T175134_C001 OCCG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T175134_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T175134_C001 Ocean Altimete	CS_OFFL_SIR_GOPM_2_20191203T153010_20191203T153108_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20191203T154714_20191203T160132_C001 Decen Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Set for one or more records. The Ocean Altimeter Range, and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been ackscatter Quality CS_OFFL_SIR_GOPM_2_20191203T164027_20191203T164552_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164836_20191203T171213_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, COGG Altimeter Range, and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T172619_20191203T172346_C001 OCOG Altimeter Range, Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_GOPM_2_20191203T172619_20191203T175134_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, and Backscatter Quality Flags have been Altimeter Range, and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_GOPM_2_20191203T185726_20191203T185034_C001 Ocean Altimeter Range, SSHA, SWH an	CS_OFFL_SIR_GOPM_2_20191203T153710_20191203T154000_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191203T154714_20191203T160132_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164027_20191203T164552_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_20191203T164836_20191203T171213_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164836_20191203T171213_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T171512_20191203T172346_C001 OCCG Altimeter Range Quality, OCOG Backscatter Quality The OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T172619_20191203T175134_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. Cs_OFFL_SIR_GOPM_2_20191203T176312_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. Cs_OFFL_SIR_GOPM_2_20191203T176314_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter R	CS_OFFL_SIR_GOPM_2_20191203T154013_20191203T154443_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191203T164836_20191203T171213_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_GOPM_2_20191203T164836_20191203T171213_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality. The OCGG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T171512_20191203T172346_C001 OCCG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T172619_20191203T175134_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality COCG Altimeter Range and Backscatter Quality Flags have been and Bac	CS_OFFL_SIR_GOPM_2_20191203T154714_20191203T160132_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20191203T164836_20191203T171213_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T171512_20191203T172346_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_20191203T172619_20191203T175134_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags had the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T172619_20191203T175134_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T182310_20191203T185034_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T185726_20191203T190144_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Altimeter Range ASHA, SWH The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, SSHA, SWH OCOG Altimeter Range Quality, OCOG Bac	CS_OFFL_SIR_GOPM_2_20191203T164027_20191203T164552_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_201912031171312_201912031172346_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_GOPM_2_20191203T172619_20191203T175134_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T182310_20191203T185034_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T185034_C001 Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T185726_20191203T190144_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Backscatter Quality Flags COCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, SSHA, SWH The OCEAN Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T185726_20191203T190144_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCEAN Altimeter Range, SSHA, SWH Ocean 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_GOPM_2_20191203T164836_20191203T171213_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20191203T172619_20191203T175134_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T182310_20191203T185034_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T185726_20191203T190144_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T185726_20191203T190144_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCCean Altimeter Range, SSHA, SWH The OCCG Altimeter Range, SSHA, SWH	CS_OFFL_SIR_GOPM_2_20191203T171512_20191203T172346_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191203T182310_20191203T185034_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191203T185726_20191203T190144_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCOG Altimeter Range Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags	CS_OFFL_SIR_GOPM_2_20191203T172619_20191203T175134_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality for one or more records. Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags	CS_OFFL_SIR_GOPM_2_20191203T182310_20191203T185034_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPM_2_20191203T185726_20191203T190144_C001		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_20191203T190536_20191203T193234_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20191203T193237_20191203T193511_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_20191203T193237_20191203T193511_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

	T	
CS_OFFL_SIR_GOPM_2_20191203T195815_20191203T202920_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_20191203T203637_20191203T204223_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_20191203T204515_20191203T205005_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_20191203T213526_20191203T220905_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_20191203T221542_20191203T222054_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_20191203T222530_20191203T224208_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_20191203T231413_20191203T234239_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_20191203T234250_20191203T234803_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_20191203T235548_20191204T000001_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_GOPN_2_20191203T014004_20191203T014014_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_GOPN_2_20191203T151803_20191203T151826_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_GOPN_2_20191203T163543_20191203T163620_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_GOPN_2_20191203T182113_20191203T182310_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_GOPR_2_20191203T005611_20191203T005725_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_GOPR_2_20191203T013419_20191203T014003_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_GOPR_2_20191203T022937_20191203T023522_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_GOPR_2_20191203T031333_20191203T031456_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_GOPR_2_20191203T112503_20191203T113225_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_GOPR_2_20191203T130254_20191203T130258_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_GOPR_2_20191203T163620_20191203T163840_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (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.

98

Number of	products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20191203T005008_20191203T005139_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS OFEL SID CODN 2 201012037022732 201012037022037 C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
	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_20191203T044746_20191203T045202_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_20191203T053650_20191203T054007_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_20191203T054707_20191203T054912_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_20191203T061853_20191203T062122_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_20191203T064036_20191203T064159_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_20191203T064714_20191203T064803_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_20191203T085623_20191203T085748_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_20191203T095720_20191203T095804_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_20191203T095904_20191203T095944_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_20191203T115240_20191203T115324_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_20191203T121605_20191203T121908_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_20191203T122131_20191203T122647_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_20191203T131234_20191203T131636_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_20191203T135608_20191203T135843_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_20191203T143456_20191203T143815_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_20191203T145433_20191203T145709_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_20191203T151509_20191203T151711_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_20191203T153108_20191203T153710_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_20191203T154443_20191203T154626_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_20191203T163349_20191203T163529_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_20191203T163840_20191203T164003_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_20191203T171325_20191203T171512_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_20191203T175135_20191203T175357_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_20191203T175406_20191203T175532_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_20191203T180004_20191203T180126_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_20191203T180545_20191203T180608_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_20191203T181018_20191203T181500_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.

Description Description Description Description Description 01 OPEL DRE COMPLE 2 2019/2017/2012 2019 2019/20170 Description Desc	CS_OFFL_SIR_GOPN_2_20191203T185303_20191203T185438_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
DAL_OPT_URE_CONT_2200000000000000000000000000000000000	CS_OFFL_SIR_GOPN_2_20191203T204224_20191203T204340_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Column Dec, Column Dec, Ministration Dec, Ministration Dec, Dec, Dec, Dec, Dec, Dec, Dec, Dec,	CS_OFFL_SIR_GOPN_2_20191203T205950_20191203T210248_C001	OCOG Altimeter Range Quality PLRM,	
Color UNEQUIPUE-RECOMPTIGNED COOL detectage duality recordstate Call OFFL SRC COMPL 2 20191201711831 20191200171893 201912001711932 C001 COOL detectage duality RED The COOL Recurs duality Count on the control of the control	CS_OFFL_SIR_GOPN_2_20191203T210305_20191203T210444_C001		
Op/En Op/En <th< td=""><td>CS_OFFL_SIR_GOPN_2_20191203T211156_20191203T211324_C001</td><td></td><td></td></th<>	CS_OFFL_SIR_GOPN_2_20191203T211156_20191203T211324_C001		
Corp. Corp. Serv. Control Contrel Contrel Control Contrel Control Control Control Control Contr	CS_OFFL_SIR_GOPN_2_20191203T211831_20191203T211953_C001		
cs_0FTL_SIR_GOPL_2.0191203T21303_0191203T23030_01911203T23030_01911203T2303020111000T12030T23030_01911203T23030_01911203T23030_01911	CS_OFFL_SIR_GOPN_2_20191203T212045_20191203T212129_C001		
 COURT_SPL_SPL_SPL_CONTRACT/19103/121311_2001 COOG Bidescatter Gualty COOG Bidescatter Gualty COOG Bidescatter Gualty The COOG Bidescatter Gualty FIRM. COOG Bidescatter Gualty FIRM. The COOG Bidescatter Gualty FIRM. The COOG Bidescatter Gualty FIRM. COOG Allmater Bidges and Bidescatter Gualty FIRM.	CS_OFFL_SIR_GOPN_2_20191203T212316_20191203T212405_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_OFFL_SIR_GOPR_2_20191203T024208_20191203T024052_C001 CCGC Allinetire Parge Cally PIAM The OCGC Parge and Backscatter Caulity Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T024043_20191203T02452_C001 CGC Allinetire Parge Cally PIAM The OCGC Parge and Backscatter Caulity Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T024043_20191203T000311_C001 Allinetire Parge Cally PIAM The OCGC Parge and Backscatter Caulity Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T00040_C00191203T00047_C001 CGCG Parge and Backscatter Caulity Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T00040_C00191203T00047_C001 CGCG Parge and Backscatter Caulity Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T00040_C00191203T00047_C001 CGCG Parge and Backscatter Caulity Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T00040_C0191203T00047_C001 CGCG Parge and Backscatter Caulity Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T010419_O191203T00401_C001 CGCG Parge and Backscatter Caulity Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T014019_O191203T014013_C001 CG_OFFL_SIR_GOPR_2_20191203T014019_O191203T014013_C001 CG_OFFL_SIR_GOPR_2_20191203T014019_O191203T014013_C001 CG_OFFL_SIR_GOPR_2_20191203T014014_20191203T014013_C001 CG_OFFL_SIR_GOPR_2_20191203T014014_20191203T014013_C001 CG_OFFL_SIR_GOPR_2_20191203T014014_20191203T014013_C001 CG_OFFL_SIR_GOPR_2_20191203T014014_20191203T014013_C001 CG_OFFL_SIR_GOPR_2_20191203T014014_20191203T014013_C001 CG_OFFL_SIR_GOPR_2_20191203T014014_20191203T014013_C001 CG_OFFL_SIR_GOPR_2_20191203T014014_20191203T014013_C001 CG_OFFL_SIR_GOPR_2_20191203T014014_20191203T014013_C001 CG_OFFL_SIR_GOPR_2_20191203T014014_20191203T014010_C001 CG_OFFL_SIR_GOPR_2_20191203T0120572_C001 CGCG Parge and Parge SIM_SMH CG_OOFRL_SIR_GOPR_2_20191203T02252_C001 CGCGG Parge and Parge SIM_SMH CGCGG Parge and Backscatter Caulity Flags have been	CS_OFFL_SIR_GOPN_2_20191203T213153_20191203T213311_C001		
C3_PFL_SIR_00PR_2_2019120312448_20191203124383_0001 DCOG Backstradler Quality more recods. C3_0FFL_SIR_00PR_2_201912031233352_0001 DCOG Mainter Rango Quality PR, NOT Mainter Rango SHA_SWH and Backscatter Quality Flags have been set for one or more recods. C3_0FFL_SIR_00PR_2_20191203100440_20191203100440_20191203100447_C0011 DCOG Mainter Rango SHA_SWH and Backscatter Quality Flags have been set for one or more recods. C3_0FFL_SIR_00PR_2_20191203100440_20191203100447_C0011 DCOG Mainter Rango SHA_SWH and Backscatter Quality Flags have been set for one or more recods. C3_0FFL_SIR_00PR_2_20191203100440_20191203100647_C0011 DCOG Mainter Rango SHA_SWH and Backscatter Quality Flags have been set for one or more recods. C3_0FFL_SIR_00PR_2_20191203101640_20191203100647_C0011 DCOG Mainter Rango SHA_SWH and Backscatter Quality Flags have been set for one or more recods. C3_0FFL_SIR_00PR_2_20191203101618_201912031016400_C0011 DCOG Adimeter Rango SHA_SWH and Backscatter Quality Flags have been set for one rince recods. C3_0FFL_SIR_00PR_2_201912031016404_201912031014000_C0011 DCOG Mainter Rango SHA_SWH and Backscatter Quality Flags have been set for one rince recods. C3_0FFL_SIR_00PR_2_201912031014014_201912031014706_C0011 DCOG Adimeter Rango SHA_SWH and Backscatter Quality Flags have been set for one rince recods. C3_0FFL_SIR_00PR_2_201912031014704_201912031014706_C0011 DCOG Adimeter Rango SHA_SWH and Backscatter Quality Flags have been set for one rince recods. C3_	CS_OFFL_SIR_GOPN_2_20191203T213352_20191203T213525_C001		
Occord Ratescatter Quality more records. Cord Affinite Range SHA, SWH and Backscatter Quality Flags have been act for one of more records. Cord Affinite Range SHA, SWH and Backscatter Quality Flags have been act for one of more records. Cord Affinite Range and Backscatter Quality Flags have been act for one of more records. Cord Affinite Range SHA, SWH and Backscatter Quality Flags humber Range and Backscatter Quality Flags act for one of more records. Cord Affinite Range and Backscatter Quality Flags act for one of more records. Cord Affinite Range SHA, SWH and Backscatter Quality Flags act for one of more records. Cord Affinite Range SHA, SWH and Backscatter Quality Flags act for one of more records. Cord Affinite Range SHA, SWH and Backscatter Quality Flags act for one of more records. Cord Affinite Range SHA, SWH and Backscatter Quality Flags act for one of more records. Cord Affinite Range SHA, SWH and Backscatter Quality Flags act for one of more records. Cord Affinite Range SHA, SWH and Backscatter Quality Flags and	CS_OFFL_SIR_GOPN_2_20191203T224208_20191203T224435_C001		
GS_OFFL_SIR_GOPR_2_201912027329519_20191203T000311_C001 Interface Range and Backscatter Quality Flags and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_GOPR_2_20191203T00340_20191203T00047_C001 COCO Attimeter Range Cuality PLRM, COCO Attimeter Range SMA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T00340_20191203T00047_C001 Cocon Attimeter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T01419_20191203T01400_C001 Cocon Attimeter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T01419_20191203T01400_C001 Cocon Attimeter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T01401_20191203T01400_C001 Cocon Attimeter Range, SMA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T01401_20191203T014139_C001 Cocon Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T01404_20191203T014706_C001 Cocon Attimeter Range Cuality FLAN, OCON Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T01404_C01911203T014706_C001 Cocon Attimeter Range Cuality FLAN, OCON Attimeter Range Cuality FLAN,	CS_OFFL_SIR_GOPN_2_20191203T234943_20191203T235352_C001		
Construction Cocoo Backscatter Quality more records. CS_OFFL_SIR_GOPR_2_20191203T005139_20191203T005611_C001 Occoo Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at the Occoo Altimeter Range and Backscatter Quality Flags have been at the Occoo Altimeter Range and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_GOPR_2_20191203T01404_20191203T014403_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at the OCCoo Altimeter Range and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_GOPR_2_20191203T01404_20191203T0144706_C001 Occoo Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_GOPR_2_20191203T014347_20191203T014706_C001 Occoo Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_GOPR_2_20191203T014347_20191203T014706_C001 Occoo Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_GOPR_2_20191203T014307_20191203T020047_C001 Occoo Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_GOPR_2_20191203T022022_20191203T022029_0011 Occoo Altimeter Range Class Altimeter Range SSHA, SWH and Backscatter Quality Flags have been at for one or more records. CS_OFFL_SIR_GOPR_2_20191203T032032_20191203T032032_20191203T031035_20191203T031035_20191203T031035_20191203T0310456_0011 Occoo Altimeter Ra	CS_OFFL_SIR_GOPR_2_20191202T235519_20191203T000311_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20191203T005019_20191203T005011_C001 and Backscatter Quality Flags have been and backscatter Quality	CS_OFFL_SIR_GOPR_2_20191203T000340_20191203T000427_C001		
CS_OFFL_SIR_GOPR_2_20191203T014019_20191203T014003_C001 and Backscatter Quality PLRM_OCOG http://www.and/actionality_content of the Code Altimeter Range and Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T014014_20191203T014139_C001 Cesan Altimeter Range, SSHA, SWH and Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T014014_20191203T014706_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Plags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T014014_20191203T014706_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T015607_20191203T020527_20191203T022529_C0011 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T022522_20191203T022529_C0011 OCOG Altimeter Range, Guality PLRM, OCOG Altimeter Range, G	CS_OFFL_SIR_GOPR_2_20191203T005139_20191203T005611_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OFFL_SIR_GOPR_2_20191203T014014_20191203T014139_C001 and Backscatter Quality PLEM, CQUINT Hole DCOGA Mineter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T014347_20191203T014766_C001 OCOGA Mineter Range and Backscatter Quality PLEM, OCOGA Mineter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T015607_20191203T020047_C001 OCOGA Mineter Range Quality PLEM, OCOGA Mineter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T015607_20191203T020047_C001 OCOGA Mineter Range Quality PLEM, OCOGA Mineter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T025522_20191203T022529_C001 OCOGA Mineter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T022637_20191203T022522_C001 OCOGA Mineter Range Quality PLEM, OCOGA Mineter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T030453_20191203T030751_C001 OCOGA Mineter Range Quality PLEM, OCOG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T030453_20191203T031118_C001 Ocean Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T030453_20191203T0311456_C001 OCOGA Mineter Range and Backscatter Quality Flags have been set for one or more records. CS_OF	CS_OFFL_SIR_GOPR_2_20191203T013419_20191203T014003_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20191203T0145607_20191203T020047_C001 OCCG Backscatter Quality more records. CS_OFFL_SIR_GOPR_2_20191203T015607_20191203T020047_C001 OCCG Backscatter Quality PLRM, OCCG The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20191203T022522_20191203T022529_C001 OCCG Altimeter Range Quality PLRM, OCCG The OCCG Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20191203T022522_20191203T022522_C001 OCCG Altimeter Range, SSHA, SWH The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T022937_20191203T023522_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T023037_20191203T030751_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T030922_20191203T031118_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T03133_20191203T031456_C001 OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T031456_20191203T031456_C001 OCCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T031456_20191203T031456_C001 Member Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_	CS_OFFL_SIR_GOPR_2_20191203T014014_20191203T014139_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20191203T020047_C001 and Backscatter Quality PLRM, COCG Interder Range and Backscatter Quality Interder Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T022522_20191203T022529_C001 OCCG Altimeter Range and Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T022537_20191203T022522_C001 Occean Altimeter Range and Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T0203522_C001 Ocean Altimeter Range Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T030453_20191203T030751_C001 OCCG Altimeter Range and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T03103022_20191203T031118_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T031456_20191203T031456_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20191203T014347_20191203T014706_C001		
CS_OFFL_SIR_GOPR_2_20191203T022927_20191203T022922_C001 OCGG Backscatter Quality more records. CS_OFFL_SIR_GOPR_2_20191203T022937_20191203T023522_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T031333_20191203T031456_C001 Ocean Altimeter Range, SSHA, SWH 	CS_OFFL_SIR_GOPR_2_20191203T015607_20191203T020047_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20191203T022937_20191203T023522_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SHA, SWH and backscatter Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T030453_20191203T030751_C001 OCCG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, and Backscatter Quality Flags have been set for one or more records. The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T0310322_20191203T031118_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T031456_20191203T031456_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T043620_20191203T043741_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20191203T022522_20191203T022529_C001		
CS_OFFL_SIR_GOPR_2_201912031030435_201912031030731_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPR_2_20191203T030922_20191203T031118_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags hard Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags hare been Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags hare been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T031456_20191203T031032020_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, SSHA, SWH and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20191203T031456_20191203T043741_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T043764_20_20191203T044746_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20191203T022937_20191203T023522_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20191203T030922_20191203T031118_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20191203T031333_20191203T031456_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T031456_20191203T032020_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG 	CS_OFFL_SIR_GOPR_2_20191203T030453_20191203T030751_C001		
CS_OFFL_SIR_GOPR_2_20191203T031333_20191203T031456_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ine Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20191203T031456_20191203T032020_C001 And Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T031043620_20191203T043741_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191203T043620_20191203T043741_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_20191203T030922_20191203T031118_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20191203T031456_20191203T032020_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ind Bockscatter Quality PLRM, ococ 	CS_OFFL_SIR_GOPR_2_20191203T031333_20191203T031456_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_201912031043620_201912031043741_C001 OCOG Backscatter Quality more records. OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_GOPR_2_20191203T031456_20191203T032020_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS OFEL SIR GOPR 2 201912031044720 201912031044746 C001	CS_OFFL_SIR_GOPR_2_20191203T043620_20191203T043741_C001		
	CS_OFFL_SIR_GOPR_2_20191203T044720_20191203T044746_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_20191203T045746_20191203T045844_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_20191203T054912_20191203T055030_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_20191203T063025_20191203T063934_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_20191203T080730_20191203T081505_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_20191203T094639_20191203T095327_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_20191203T095327_20191203T095624_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_20191203T095835_20191203T095904_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_20191203T095944_20191203T100221_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_20191203T103233_20191203T103551_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_20191203T111045_20191203T111330_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_20191203T112304_20191203T112436_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_20191203T112503_20191203T113225_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_20191203T113225_20191203T113412_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_20191203T113654_20191203T114417_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_20191203T121155_20191203T121605_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_20191203T122647_20191203T122832_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_20191203T130138_20191203T130246_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_20191203T130503_20191203T130619_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_20191203T134931_20191203T135608_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_20191203T144450_20191203T144952_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_20191203T151346_20191203T151509_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_20191203T152536_20191203T152626_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_20191203T152629_20191203T152918_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_20191203T160132_20191203T160312_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_20191203T160340_20191203T160758_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_20191203T160758_20191203T161023_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_20191203T162441_20191203T163047_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_20191203T163306_20191203T163349_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_20191203T163620_20191203T163840_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_20191203T164003_20191203T164027_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_20191203T175547_20191203T175636_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_20191203T180200_20191203T180430_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_20191203T194034_20191203T195059_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_20191203T202920_20191203T203249_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_20191203T211953_20191203T212022_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_20191203T212406_20191203T213153_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_20191203T220905_20191203T221226_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_20191203T225539_20191203T230032_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_20191203T230404_20191203T231413_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_20191203T234804_20191203T234942_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
L2 Quality Flags (1 Hz & 1Hz PLRM)		
Currently, there are several common flags raised in the Level 2 products, w	which are summarised below.	
> 1Hz and 1Hz Ocean SSHA Quality Flags: These flags are currently set for pr	roducts over sea ice, which is to be expected.	
Number of products with errors: 189		
5.8 L2 Ocean Retracking Quality Check		
L2 Retracking Flags (20Hz) CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measu	rement record. The bit value of this flag indica	ates any problems when set.
Ocean Retracking Quality Flag: This flag is currently set for products over land	-	
Number of products with errors: 59		
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 fla	g 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: 154		
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 en	sure it consists of both an XML header file (.F	HDR) and a NetCDF product file (.nc).
Number of products with errors: 0		

6.2 P2P Product Header Analysis

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

6.3 P2P Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. 0

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

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

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

29

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220191202T235649_20191203T004623_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_GOP_220191203T004623_20191203T013602_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_220191203T013602_20191203T022536_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_220191203T022536_20191203T031516_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_220191203T031516_20191203T040450_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_220191203T040450_20191203T045429_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_220191203T045429_20191203T054404_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_20191203T054404_20191203T063343_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_220191203T063343_20191203T072317_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_220191203T072317_20191203T081257_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_220191203T081257_20191203T090231_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_220191203T090231_20191203T095210_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_220191203T095210_20191203T104145_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_220191203T104145_20191203T113124_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_220191203T113124_20191203T122058_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_220191203T122058_20191203T131037_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_220191203T131037_20191203T140011_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_220191203T140011_20191203T144951_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_220191203T144951_20191203T153925_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_220191203T153925_20191203T162905_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_220191203T162905_20191203T171839_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 heig (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_220191203T171839_20191203T180818_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_220191203T180818_20191203T185752_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_220191203T185752_20191203T194732_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_220191203T194732_20191203T203706_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_220191203T203706_20191203T212645_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_220191203T212645_20191203T221620_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_220191203T221620_20191203T230559_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_220191203T230559_20191203T235533_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

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.

0

Number of products with errors:

6.6 P2P Measurement Quality	-над Спеск		
P2P Quality Flags (20Hz)			
CryoSat P2P data includes Quality Flags for e	each 20 Hz, 20 Hz PLRM and 1 Hz measurement record, copied from the corresponding L2 products.		
Since the P2P Quality Flags are copied dir	ectly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.		
Number of products with errors:	30		
P2P Quality Flags (20Hz PLRM)			
Since the P2P Quality Flags are copied dir	ectly 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 PL	RM)		
Since the P2P Quality Flags are copied dir	ectly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.		
Number of products with errors:	29		
6.8 P2P Ocean Retracking Qua	lity Check		
P2P Retracking Flags (20Hz) Cryosat P2P data includes an ocean retracking	ng quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.		
,	is flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.		
Number of products with errors:	29		
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): Th	is flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.		
Number of products with errors:	29		