

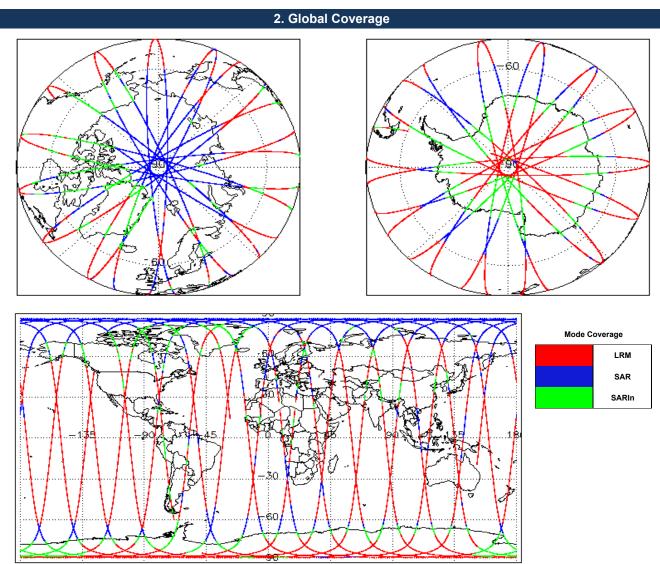
QA4EO Daily Report for GOP data:

24/12/2019

Report Production:	23-Jan-2020	Check	L1 & L2	P2P
Report Production:	23-Jan-2020	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CrucSat Occan Braccocar	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor used.	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Doto Lloodu	Data Used: Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data	Product Format Check	Nominal	Nominal
Data Useu.		Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
		Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
		Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
		Ocean Retracking Quality Check	See Section 5.7	See Section 6.7

1. Overview

Mission / Instrument News 23-Dec-2019 None 24-Dec-2019None25-Dec-2019Nothing planned



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		
,	ed on the MPH and SPH in order to identify any inc	consistencies and/or errors raised by the ground-segment processing chain.
L1B Processing Quality HR: The I1b_proc_flag_hr flag is OSARIn chains. A modification is required in the next rele		cause the I1b_processing_quality_hr field is not correctly configured in the OSAR and
Number of products with errors: 0		
4.3 L1B Auxilary Data File Usage Chec		
Each product is checked for missing Data Set Descriptors Number of products with errors:	vith respect to a pre-determined baseline and also t	o check the validity of Auxiliary Data Files is correct.
4.4 L1B Auxiliary Correction Error Che	:k	
CryoSat L1B data includes a correction error flag for each	neasurement record. The bit value of this flag indic	ites any problems when set.
Number of products with errors: 0		
4.5 L1B Measurement Confidence Data	Check	
CryoSat L1B data includes a measurement confidence fla	for each measurement record. The bit value of this	flag indicates any problems when set.
Attitude Correction Missing: This flag is currently set in	rror for GOPR products due to a configuration issue	e. This is being investigated and will be updated in the next SW update.
Number of products with errors: 3		
Product	Test Failed	Description

Product Test Failed Description	
CS_OFFL_SIR_GOPM1B_20191224T085931_20191224T090152_C001 Power scaling error There is an error in the scaling of the L1B waveform for records	or one or more
CS_OFFL_SIR_GOPM1B_20191224T090251_20191224T090651_C001 Power scaling error There is an error in the scaling of the L1B waveform for records	or one or more
CS_OFFL_SIR_GOPM1B_20191224T175025_20191224T181654_C001 Power scaling error There is an error in the scaling of the L1B waveform for records	or one or more

4.6 L1B Waveform Group Data Check

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

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

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0

0

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20191224T125705_20191224T131916_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20191224T033147_20191224T033659_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20191224T064735_20191224T065214_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20191224T075034_20191224T075146_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20191224T115728_20191224T120106_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20191224T120153_20191224T120228_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20191224T141557_20191224T142211_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20191224T151542_20191224T151752_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20191224T160847_20191224T161046_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20191224T200549_20191224T200624_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20191224T223437_20191224T223900_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20191224T232701_20191224T232827_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20191224T043358_20191224T043519_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20191224T075146_20191224T075510_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20191224T164721_20191224T165457_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20191224T200241_20191224T200319_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20191224T205348_20191224T205719_C001	Loss of Echo	The tracking echo is missing for one or more records

5. GOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

5.3 L2 Auxiliary Data File Usage Check

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

5.4 L2 Auxiliary Correction Error Check

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

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

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

> Sea State Bias & Sea State Bias PLRM: The error value is currently set for products over sea ice, but this is to be expected.

> Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.

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Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20191224T004936_20191224T010302_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPM_2_20191224T224929_20191224T230904_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20191224T001803_20191224T001910_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_20191224T011229_20191224T011427_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_20191224T015809_20191224T015824_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_20191224T025858_20191224T030011_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_20191224T033147_20191224T033659_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_20191224T042140_20191224T042445_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_20191224T043122_20191224T043358_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_20191224T051138_20191224T051522_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_20191224T064735_20191224T065214_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_20191224T070204_20191224T070259_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_20191224T074108_20191224T074232_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_20191224T092722_20191224T093026_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_20191224T110031_20191224T110340_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_20191224T110623_20191224T111007_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_20191224T124100_20191224T124334_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_20191224T133609_20191224T133727_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_20191224T141557_20191224T142211_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_20191224T151055_20191224T151124_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_20191224T151542_20191224T151752_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_20191224T155820_20191224T155958_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_20191224T165458_20191224T165943_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_20191224T174638_20191224T174911_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_20191224T191737_20191224T192128_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_20191224T201836_20191224T201959_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20191224T205719_20191224T210033_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_20191224T210548_20191224T210702_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_20191224T223437_20191224T223900_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

	Mean Sea Surface (1), Mean Dynamic	 There is an error with the MSS height (solution 1) and the Mean Dynamic
CS_OFFL_SIR_GOPN_2_20191224T224452_20191224T224609_C001	Topography (1) Mean Sea Surface (1), Mean Dynamic	Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20191224T232412_20191224T232656_C001	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_20191224T232701_20191224T232827_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_20191224T001910_20191224T002629_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_20191224T013355_20191224T013609_C001	Mean Sea Surface (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPR_2_20191224T015824_20191224T020531_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_20191224T033700_20191224T034350_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_20191224T051522_20191224T051743_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_20191224T051743_20191224T052435_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_20191224T065215_20191224T065955_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_20191224T083142_20191224T083817_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_20191224T083817_20191224T084107_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_20191224T100943_20191224T101716_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_20191224T101716_20191224T101912_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_20191224T115133_20191224T115612_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_20191224T115612_20191224T115728_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_20191224T132936_20191224T133451_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_20191224T133451_20191224T133609_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_20191224T151124_20191224T151542_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_20191224T164657_20191224T164721_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_20191224T164721_20191224T165457_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_20191224T182533_20191224T183532_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_20191224T195758_20191224T195938_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_20191224T200858_20191224T201645_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_20191224T214836_20191224T215911_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_20191224T232828_20191224T233554_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.

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Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20191224T085931_20191224T090152_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOPM_2_20191224T090251_20191224T090651_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOPM_2_20191224T175025_20191224T181654_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (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.

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Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20191223T234219_20191224T001353_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_20191224T003015_20191224T004053_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_20191224T004655_20191224T004821_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_20191224T004936_20191224T010302_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_20191224T010457_20191224T011014_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_20191224T012040_20191224T013355_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_20191224T013609_20191224T014938_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_20191224T015047_20191224T015227_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_20191224T021531_20191224T022554_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_20191224T022734_20191224T024143_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_20191224T024423_20191224T024925_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_20191224T025758_20191224T025858_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_20191224T030446_20191224T031013_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_20191224T031545_20191224T031947_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_20191224T032110_20191224T032812_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_20191224T034350_20191224T035054_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_20191224T035955_20191224T042030_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_20191224T042445_20191224T042842_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_20191224T042903_20191224T043122_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_20191224T043519_20191224T050338_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_20191224T053535_20191224T060017_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_20191224T060232_20191224T060756_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_20191224T061521_20191224T064735_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_20191224T071132_20191224T073126_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_20191224T073422_20191224T073908_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_20191224T074233_20191224T075034_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_20191224T075511_20191224T082746_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_20191224T084107_20191224T084208_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_20191224T090949_20191224T091725_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_20191224T092206_20191224T092722_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_20191224T093355_20191224T095536_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_20191224T095821_20191224T100759_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_20191224T102100_20191224T102401_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_20191224T103825_20191224T104426_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_20191224T104613_20191224T105642_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_20191224T111317_20191224T113941_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_20191224T113955_20191224T114303_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_20191224T114358_20191224T114636_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_20191224T120228_20191224T120924_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_20191224T120942_20191224T123358_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_20191224T124334_20191224T124529_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_20191224T125228_20191224T125615_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_20191224T125705_20191224T131916_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_20191224T133727_20191224T134117_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_20191224T134244_20191224T135834_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_20191224T141225_20191224T141556_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_20191224T142211_20191224T142447_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_20191224T142508_20191224T142935_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_20191224T143159_20191224T144622_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_20191224T144802_20191224T145044_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.

Description Description Restance Cashy Restance Cash			
CB, DTL_SRE, DOW_2_20191221110300_01001 per blacksome Code (DOD) CB, DTL_SRE, DOW_2_20191221110300_0011221110300_0001 DDD Althour Age Code (DOD) CB, DTL_SRE, DOW_2_20191221110300_0011221110300_0001 DDD Althour Age Code (DDD) CB, DTL_SRE, DOW_2_2019122111010_0011221110300_0001 DDD Althour Age Code (DDD) CB, DTL_SRE, DOW_2_2019122111010_00112 DDD Althour Age Code (DDD) CB, DTL_SRE, DOW_2_2019122111010_00112111010_00112 DDD Althour Age Code (DDD) <td< td=""><td>CS_OFFL_SIR_GOPM_2_20191224T150330_20191224T150444_C001</td><td>3</td><td>The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.</td></td<>	CS_OFFL_SIR_GOPM_2_20191224T150330_20191224T150444_C001	3	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Control Control Control Control Control Control Rescalability Control R	CS_OFFL_SIR_GOPM_2_20191224T153323_20191224T155704_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Cd_QFT_UBR_QOPU_2_0001231T10500_Q0101224T105050_Q0101 and Hessendru Cushy, 0000 Attitude Target and Basecader Cushy Plags have be Attitude Target and Basecader Cushy	CS_OFFL_SIR_GOPM_2_20191224T155958_20191224T160847_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Control Description Description Description C5 OFTL_SIR_CONV_2_00191241170158_0119124117058_01091 Description Descri	CS_OFFL_SIR_GOPM_2_20191224T161109_20191224T163501_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
C5 OFTL_SIR_GOPM_2_201912241173038_0011 wild backcaster Cuality, COCG Ammerer Range and Backcaster Cuality Flags have be and for an or non-memory. C5 OFTL_SIR_GOPM_2_201912241174015_001912241174058_0011 COCIA Attensor Range, SSHA, SVH and Suckcaster Cuality. The COCIA Attensor Range, SSHA, SVH and Suckcaster Cuality. C5 OFTL_SIR_GOPM_2_201912241174015_001912241174058_0011 COCIA Attensor Range, SSHA, SVH and Suckcaster Cuality. The COCIA Attensor Range, SSHA, SVH and Suckcaster Cuality. C5 OFTL_SIR_GOPM_2_201912241174015_00191224119100 COCIA Attensor Range, SSHA, SVH and Suckcaster Cuality. The COCIA Attensor Range, SSHA, SVH and Backcaster Cuality. Flags have be and Suck and motor Range. SSHA, SVH and Backcaster Cuality. Flags have bear and Suck and motor Range. SSHA, SVH and Backcaster Cuality. Flags have bear and Suck and motor Range. SSHA, SVH and Backcaster Cuality. Flags have bear and Suck and motor Range. SSHA, SVH and Backcaster Cuality. Flags have bear and Suck and motor Range. SSHA, SVH and Backcaster Cuality. Flags have bear and Suck and motor Range. SSHA, SVH and Backcaster Cuality. Flags have bear and Suck and Suck and Suck and Suck and Flags have bear and Suck and Suck and Flags have	CS_OFFL_SIR_GOPM_2_20191224T163508_20191224T163542_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Construction Bioaccastle Quality For one a more record. 06_OFFL_SR_QOPM_2_001912241110020_00191224119409_QOD1 Down Altherer Range, SSHA, SMM The Opera Altherer Range, SSHA, SMM 06_OFFL_SR_QOPM_2_001912241110020_00101224119409_QOD1 Down Altherer Range, SSHA, SMM The Opera Altherer Range, SSHA, SMM 06_OFFL_SR_QOPM_2_00191224119210_20191224119210_0010 Down Altherer Range of Balaccaster Quality The Opera Altherer Range, SSHA, SMM 06_OFFL_SR_QOPM_2_00191224119210_20191224119211_0011 Docan Altherer Range of Balaccaster Quality The Opera Altherer Range, SSHA, SMM 08_OFFL_SR_QOPM_2_00191224119211_0011224119241102716_QOD1 Docan Altherer Range of Balaccaster Quality The Opera Altherer Range, SSHA, SMM 08_OFFL_SR_QOPM_2_00191224119251_QO191224119241_QO111 Ecces Altherer Range of Balaccaster Quality, COO The Opera Altherer Range, SSHA, SMM 08_OFFL_SR_QOPM_2_00191224119241_QO11224119241_QO112 Ecces Altherer Range, SSHA, SMM The Opera Altherer Range, SSHA, SMM and Balaccaster Quality Right have ben the OCOO Altherer Range, SSHA, SMM and Balaccaster Quality Right have ben the OCOO Altherer Range, SSHA, SMM and Balaccaster Quality Right have ben the OCOO Altherer Range, SSHA, SMM and Balaccaster Quality Right have ben the OCOO Altherer Range, SSHA, SMM and Balaccaster Quality Right have ben the OCOO Altherer Range, SSHA, SMM and Balaccaster Quality Right have ben the OCOO Altherer Range, SSHA, SMM and Balaccaster Quality Righthave ben the OCOO Altherer Range, SSHA, SMM and Balaccaster Quali	CS_OFFL_SIR_GOPM_2_20191224T170158_20191224T173534_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFTL_SIR_GOPM_2_20191224T19205_20191224T191304_001 and Backscatter Clauby, COCO Altimeter Range and Backscatter Clauby, Flags have bear to one or more neorethe. Cs, OFFL_SIR_GOPM_2_20191224T200043_20191224T200241_C001 Altimeter Range and Backscatter Clauby, Coco Altimeter Range and Backscatter Clauby, Flags have bear Altimeter Range and Backscatter Clauby	CS_OFFL_SIR_GOPM_2_20191224T174215_20191224T174638_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191224T191331_00191224T191403_0001 and Backstater Quality Flags have beam that one or more records. CS_OFFL_SIR_GOPM_2_20191224T192128_00191224T192716_0001 DCOC Akimeter Range Quality, DCOC Market Range and Backstatter Quality Flags have beam that one or more records. CS_OFFL_SIR_GOPM_2_20191224T192098_00191224T192716_0001 DCOC Akimeter Range Quality, DCOC Market Range, SSHA, SWH and Backstatter Quality Flags have beam that one or more records. CS_OFFL_SIR_GOPM_2_20191224T192098_00191224T1924T2 DCOC Akimeter Range, SSHA, SWH and Backstatter Quality Flags have beam that one or more records. CS_OFFL_SIR_GOPM_2_20191224T192092_00191224T1924T2 DCOC Akimeter Range, SSHA, SWH and Backstatter Quality Flags have beam that decode one records. CS_OFFL_SIR_GOPM_2_20191224T200241_20191224T200241_0011 DCOC Akimeter Range, SSHA, SWH and Backstatter Quality Flags have beam that decode one records. CS_OFFL_SIR_GOPM_2_20191224T200242_0191224T200241_0011 DCOC Akimeter Range, SSHA, SWH and Backstatter Quality Flags have beam that decode one records. CS_OFFL_SIR_GOPM_2_20191224T2100242_0191224T2002716_0001 DCOC Akimeter Range, SSHA, SWH and Backstatter Quality Flags have beam that decode one records. CS_OFFL_SIR_GOPM_2_20191224T2100242_0191224T2100242_0191224T210024001 DCOC Akimeter Range and Backstatter Quality Flags have beam that decode one records. CS_OFFL_SIR_GOPM_2_20191224T210033_0191224T211050_0001 DCOC Akimeter Range and Backstatter Quality Flags have beam that decode one records. CS_OFFL_S	CS_OFFL_SIR_GOPM_2_20191224T175025_20191224T181654_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Displant	CS_OFFL_SIR_GOPM_2_20191224T184334_20191224T191403_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2.20191224119329_02191224119372 and backstater Quality, DCOD and the OCCO Allimeter Range and Backstater Quality Flags have be afford on or more records. CS_OFFL_SIR_GOPM_2.201912241193721_20191224119372 Corean Allimeter Range, SSHA, SWH and Backstatter Quality Flags have be afford on or more records. The Ocean Allimeter Range and Backstatter Quality Flags have be afford on or more records. CS_OFFL_SIR_GOPM_2.201912241200043_201912241200041_0001 Corean Allimeter Range Quality, OCCO Allimeter Range and Backstatter Quality Flags have be afford on or more records. The Ocean Allimeter Range, SSHA, SWH and Backstatter Quality Flags have be afford on or more records. CS_OFFL_SIR_GOPM_2.201912241200042_201912241200716_0001 Corean Allimeter Range, SSHA, SWH and Backstatter Quality Flags have be afford on or more records. The Ocean Allimeter Range, SSHA, SWH and Backstatter Quality Flags have be afford on or more records. CS_OFFL_SIR_GOPM_2.20191224120159_02191224120159_02191224120054_CO01 Corean Allimeter Range, SSHA, SWH and Backstatter Quality Flags have be afford on or more records. CS_OFFL_SIR_GOPM_2.201912241211591_20191224121054_CO01 Corean Allimeter Range and Backstatter Quality Flags have be afford on or more records. CS_OFFL_SIR_GOPM_2.201912241211592_201912241211620_CO01 Corean Allimeter Range, SSHA, SWH and Backstatter Quality Flags have be afford on or more records. CS_OFFL_SIR_GOPM_2.201912241211592_201912241211620_CO01 Corean Allimeter Range, SSHA, SWH and Backstatter Quality Flags have be afford on or more records. <t< td=""><td>CS_OFFL_SIR_GOPM_2_20191224T192128_20191224T192716_C001</td><td></td><td>The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.</td></t<>	CS_OFFL_SIR_GOPM_2_20191224T192128_20191224T192716_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191224T20004_20191224T200041_C001 and Backscatter Quality COGG and Rescenter Quality COGG CS_OFFL_SIR_GOPM_2_20191224T20004_20191224T200241_C001 OCGA Altimeter Range Quality, OCG The OCGA Altimeter Range, SHA, SWH and Backscatter Quality Flags have been for one or more records. CS_OFFL_SIR_GOPM_2_20191224T200642_0191224T200716_C001 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been for one or more records. The OCGA Altimeter Range, SHA, SWH and Backscatter Quality Flags have been for one or more records. CS_OFFL_SIR_GOPM_2_20191224T200548_00191224T200548_C001 Ocean Altimeter Range Cuality, OCG The Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been for one or more records. CS_OFFL_SIR_GOPM_2_20191224T210589_00191224T210547_C001 Ocean Altimeter Range Cuality, OCG The Ocean Altimeter Range and Backscatter Quality Flags have been for one or more records. CS_OFFL_SIR_GOPM_2_20191224T210537_0011224T2110547_C001 Ocean Altimeter Range Cuality, OCG The OCGA Altimeter Range and Backscatter Quality Flags have been for one or more records. CS_OFFL_SIR_GOPM_2_20191224T211052_0011 Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been for one or more records. The Ocean Altimeter Range and Backscatter Quality Flags have been for one or more records. CS_OFFL_SIR_GOPM_2_20191224T211052_0011224T211052_0011 Ocean Altimeter Range Altimeter Range Altimeter Range and Backscatter Quality Flags have been for one or more records. CS_OFFL_SIR_GOPM_2_20191224T211052_00191224T211052_0011 Ocean Altimeter Range Altimeter	CS_OFFL_SIR_GOPM_2_20191224T192959_20191224T193514_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_2019122412003_001912241200716_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_GOPM_2_201912247200824_001912247200716_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Into Ocean Altimeter Range, SSHA, SWH and Backsc	CS_OFFL_SIR_GOPM_2_20191224T193721_20191224T194445_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191224T200624_20191224T200516_C001 and Backscatter Quality CCCG and the CCCG Allimeter Range and Backscatter Quality Flags have be Allimeter Range and Backscatter Quality Flags have be Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quality Flags have be and the CCGG Allimeter Range and Backscatter Quali	CS_OFFL_SIR_GOPM_2_20191224T200043_20191224T200241_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191224T210559_20191224T210548_CO01 and Backscatter Quality and the OCOO Altimeter Range and Backscatter Quality Flags have be altor one or more records. CS_OFFL_SIR_GOPM_2_20191224T210033_20191224T211054_CO01 CoCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been altor one or more records. CS_OFFL_SIR_GOPM_2_20191224T211234_20191224T211653_CO01 Cocog Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altor one or more records. CS_OFFL_SIR_GOPM_2_20191224T211234_20191224T211820_C001 Cocagan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altor one or more records. CS_OFFL_SIR_GOPM_2_20191224T211702_20191224T211820_C001 Cocagan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altor one or more records. CS_OFFL_SIR_GOPM_2_20191224T2112229_20191224T211820_C001 Cocagan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altor one or more records. CS_OFFL_SIR_GOPM_2_20191224T212229_20191224T212652_C001 Cocagan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altor one or more records. CS_OFFL_SIR_GOPM_2_20191224T213642_20191224T214010_C001 COCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altor one or more records. CS_OFFL_SIR_GOPM_2_20191224T213642_20191224T214642_C001 Cocagan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altor one or more records. CS_OFFL_SIR_GOPM_2_20191224T21400_C001 Cocagan Altimeter Range, SSHA, SWH and Backscatter Qu	CS_OFFL_SIR_GOPM_2_20191224T200624_20191224T200716_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191224T211234_20191224T211653_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_GOPM_2_20191224T211234_20191224T211653_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPM_2_20191224T211702_20191224T211820_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPM_2_20191224T21229_20191224T212852_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPM_2_20191224T21229_20191224T212852_C001 Ocean Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20191224T213842_20191224T214542_C001 Ocean Altimeter Range Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been se els for one or more records. CS_OFFL_SIR_GOPM_2_20191224T214305_20191224T214542_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_GOPM_2_20191224T214501_20191224T22452838_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags ha	CS_OFFL_SIR_GOPM_2_20191224T201959_20191224T205348_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191224T211234_20191224T211653_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Figure 1 CS_OFFL_SIR_GOPM_2_20191224T211702_20191224T211820_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Backscatter Quality The OCean Altimeter Range, SSHA, SWH and Backscatter Quality, Fiags have been store or more records. CS_OFFL_SIR_GOPM_2_20191224T214305_20191224T214542_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, and Backscatter Quality, Fiags have been store or more records. The OCean Altimeter Range, SSHA, SWH and Backscatter Quality, Fiags have been store or more records. CS_OFFL_SIR_GOPM_2_20191224T214305_20191224T214542_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Fiags have been store or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, Fiags have been store or more records. CS_OFFL_SIR_GOPM_2_20191224T2	CS_OFFL_SIR_GOPM_2_20191224T210033_20191224T210547_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191224T211702_20191224T211820_C001 and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Set for one or more records. CS_OFFL_SIR_GOPM_2_20191224T212229_20191224T212652_C001 Ocean Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been store or more records. CS_OFFL_SIR_GOPM_2_20191224T213842_20191224T214010_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been store or more records. CS_OFFL_SIR_GOPM_2_20191224T214305_20191224T214542_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been store or more records. CS_OFFL_SIR_GOPM_2_20191224T215911_20191224T214542_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been store or more records. CS_OFFL_SIR_GOPM_2_20191224T215911_20191224T2120838_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been store or more records. CS_OFFL_SIR_GOPM_2_20191224T221124_20191224T223256_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been store or more records. CS_OFFL_SIR_GOPM_2_20191224T221090_20191224T224034_C001 Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been store or more records. CS_OFFL_SIR_GOPM_2_20191224T224041_20191224T224034_C001 OCOG Altimeter Range Quality, OCOG Altimeter Range and Backscatter Qua	CS_OFFL_SIR_GOPM_2_20191224T211234_20191224T211653_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191224T212229_20191224T212652_C001 and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality set for one or more records. CS_OFFL_SIR_GOPM_2_20191224T213842_20191224T214010_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been stor one or more records. CS_OFFL_SIR_GOPM_2_20191224T214305_20191224T214542_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been stor one or more records. CS_OFFL_SIR_GOPM_2_20191224T215911_20191224T2120838_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been stor one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been stor one or more records. CS_OFFL_SIR_GOPM_2_20191224T215911_20191224T220838_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been stor one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been stor one or more records. CS_OFFL_SIR_GOPM_2_20191224T221124_20191224T223256_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been stor one or more records. CS_OFFL_SIR_GOPM_2_20191224T224030_20191224T224034_C001 Ocean Altimeter Range Quality, OCOG Altimeter Range and Backscatter Quality Flags have been stor one or more records. CS_OFFL_SIR_GOPM_2_20191224T224041_20191224T224034_C001 OCOG Altimeter Range Quality, OCOG Ba	CS_OFFL_SIR_GOPM_2_20191224T211702_20191224T211820_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191224T214305_20191224T214305_20191224T214542_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_GOPM_2_20191224T214305_20191224T214542_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flag and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have be as for one or more records. CS_OFFL_SIR_GOPM_2_20191224T223900_20191224T224034_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been so for one or more records. CS_OFFL_SIR_GOPM_2_20191224T224041_20191224T224451_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been so for one or more records.	CS_OFFL_SIR_GOPM_2_20191224T212229_20191224T212652_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191224T214305_20191224T214542_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_GOPM_2_20191224T215911_20191224T220838_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_GOPM_2_20191224T215911_20191224T220838_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_GOPM_2_20191224T221124_20191224T223256_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_GOPM_2_20191224T223900_20191224T224034_C001 Ocean Altimeter Range Quality, OCOG Backscatter Quality, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191224T224041_20191224T224034_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191224T224041_20191224T224034_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20191224T213842_20191224T214010_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191224T215911_20191224T220838_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_GOPM_2_20191224T221124_20191224T223256_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have be and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have be and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have be and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191224T223900_20191224T224034_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_20191224T224041_20191224T224034_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20191224T224041_20191224T224051_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20191224T214305_20191224T214542_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191224T221124_20191224T223256_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have be set for one or more records. CS_OFFL_SIR_GOPM_2_20191224T223900_20191224T224034_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been s for one or more records. CS_OFFL_SIR_GOPM_2_20191224T224041_20191224T224034_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been s for one or more records.		Ossen Altimates Dansa COLLA CM/LL	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags
CS_OFFL_SIR_GOPM_2_20191224T224041_20191224T224054_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_GOPM_2_20191224T224041_20191224T224451_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been s for one or more records.	CS_OFFL_SIR_GOPM_2_20191224T215911_20191224T220838_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality for one or more records.		and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPM_2_20191224T221124_20191224T223256_C001	and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags 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
	CS_OFFL_SIR_GOPM_2_20191224T221124_20191224T223256_C001 CS_OFFL_SIR_GOPM_2_20191224T223900_20191224T224034_C001	and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Altimeter Range Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags 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. The OCOG Altimeter Range and Backscatter Quality Flags have been set
CS_OFFL_SIR_GOPM_2_20191224T230959_20191224T231419_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have be set for one or more records.	CS_OFFL_SIR_GOPM_2_20191224T221124_20191224T223256_C001 CS_OFFL_SIR_GOPM_2_20191224T223900_20191224T224034_C001 CS_OFFL_SIR_GOPM_2_20191224T224041_20191224T224451_C001	and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality OCOG Altimeter Range Quality, OCOG Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags 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. 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_20191224T231843_20191224T232205_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_20191224T232205_20191224T232248_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Attimeter Range, SSHA, SWH 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_20191224T233928_20191224T234406_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_20191224T234545_20191224T235552_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_20191224T235554_20191225T001213_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_20191224T011229_20191224T011427_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_20191224T025858_20191224T030011_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_20191224T035248_20191224T035643_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_20191224T042857_20191224T042903_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_20191224T015342_20191224T015607_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Attimeter Range, SSHA, SWH 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_20191224T024926_20191224T024932_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_20191224T032941_20191224T033147_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_20191224T035811_20191224T035955_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_20191224T061250_20191224T061520_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_20191224T070259_20191224T070434_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_20191224T102750_20191224T102908_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	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.

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Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20191224T001803_20191224T001910_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_20191224T015608_20191224T015809_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_20191224T021224_20191224T021530_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_20191224T025858_20191224T030011_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_20191224T030208_20191224T030446_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_20191224T031018_20191224T031456_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_20191224T033147_20191224T033659_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_20191224T035248_20191224T035643_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_20191224T042140_20191224T042445_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_20191224T051138_20191224T051522_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_20191224T053438_20191224T053535_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_20191224T060112_20191224T060232_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_20191224T061128_20191224T061249_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_20191224T064735_20191224T065214_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_20191224T065955_20191224T070032_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_20191224T070204_20191224T070259_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_20191224T074108_20191224T074232_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_20191224T082746_20191224T082906_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_20191224T083003_20191224T083141_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_20191224T084350_20191224T084513_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_20191224T092041_20191224T092206_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_20191224T103618_20191224T103825_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_0FFL_SIR_GOPN_2_20191224T110031_20191224T110340_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_20191224T110623_20191224T111007_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_20191224T111021_20191224T111120_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_0FFL_SIR_GOPN_2_20191224T115728_20191224T120106_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_0FFL_SIR_GOPN_2_20191224T124529_20191224T124742_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_0FFL_SIR_GOPN_2_20191224T125029_20191224T125156_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_0FFL_SIR_GOPN_2_20191224T132103_20191224T132323_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_20191224T133609_20191224T133727_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_0FFL_SIR_GOPN_2_20191224T134117_20191224T134244_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_0FFL_SIR_GOPN_2_20191224T140046_20191224T140113_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_0FFL_SIR_GOPN_2_20191224T140347_20191224T140453_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_0FFL_SIR_GOPN_2_20191224T142935_20191224T143116_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_0FFL_SIR_GOPN_2_20191224T151542_20191224T151752_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_20191224T151847_20191224T152115_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_20191224T152328_20191224T152450_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_20191224T155820_20191224T155958_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_20191224T160847_20191224T161046_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_20191224T163542_20191224T163827_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_20191224T164450_20191224T164615_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_20191224T165458_20191224T165943_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_20191224T173757_20191224T173927_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_20191224T174638_20191224T174911_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_20191224T192717_20191224T192841_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_20191224T200319_20191224T200442_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_20191224T213755_20191224T213842_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_20191224T223437_20191224T223900_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_20191224T232412_20191224T232656_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_20191224T232701_20191224T232827_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_20191224T001910_20191224T002629_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_20191224T002822_20191224T002843_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_20191224T002848_20191224T002857_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_20191224T002902_20191224T003015_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_20191224T004054_20191224T004535_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_20191224T011427_20191224T012040_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_20191224T013355_20191224T013609_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_20191224T015342_20191224T015607_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_20191224T015824_20191224T020531_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_20191224T024926_20191224T024932_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_20191224T033700_20191224T034350_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_20191224T043358_20191224T043519_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_20191224T051743_20191224T052435_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_20191224T061250_20191224T061520_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20191224T065215_20191224T065955_C001	PLRM 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_20191224T070032_20191224T070204_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_20191224T073908_20191224T074108_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_20191224T082907_20191224T083002_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_20191224T083817_20191224T084107_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_20191224T084322_20191224T084350_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_20191224T085203_20191224T085315_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_20191224T093027_20191224T093354_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_20191224T100943_20191224T101716_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_20191224T101716_20191224T101912_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_20191224T115133_20191224T115612_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_20191224T123358_20191224T124100_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_20191224T132936_20191224T133451_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_20191224T135955_20191224T140046_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_20191224T145045_20191224T145511_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_20191224T150936_20191224T151054_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_20191224T151124_20191224T151542_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_20191224T151753_20191224T151847_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_20191224T152116_20191224T152327_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_20191224T152450_20191224T152524_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_20191224T153040_20191224T153200_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_20191224T164721_20191224T165457_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_20191224T173535_20191224T173756_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_20191224T182533_20191224T183532_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_20191224T200442_20191224T200510_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_20191224T200858_20191224T201645_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_20191224T205348_20191224T205719_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 beer set for one or more records.
CS_OFFL_SIR_GOPR_2_20191224T211820_20191224T212229_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one on more records.
CS_OFFL_SIR_GOPR_2_20191224T214542_20191224T214822_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 beer set for one or more records.
CS_OFFL_SIR_GOPR_2_20191224T214836_20191224T215911_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.
S_OFFL_SIR_GOPR_2_20191224T232828_20191224T233554_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 bee set for one or more records.
CS_OFFL_SIR_GOPR_2_20191224T233557_20191224T233558_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one on more records.
CS_OFFL_SIR_GOPR_2_20191224T233704_20191224T233857_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one more records.
Iumber of products with errors: 197 5.8 L2 Ocean Retracking Quality Check 2		
.2 Retracking Flags (20Hz)	rement record. The bit value of this down in	stee any problems when act
CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measu	-	
Cean Retracking Quality Flag: This flag is currently set for products over land	i and sea ice, but this is to be expected. The i	number of products with this error flag set is given below.
lumber of products with errors: 58		
.2 Retracking Flags (20Hz, PLRM)	moduluromont rocard The Libraria (U) - 6	a indiantee any problems where ant
CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM Ocean Retracking Quality Flag (PLRM): This flag is currently set for products (
Number of products with errors: 142	GOFIX and GOFIN products over sea ice, but	tills is to be expected.
6. GOP L2	2 Pole-to-Pole Data Quality	/ Check
6.1 P2P Product Format Check		
Each product, retrieved and unpacked from the science server, is checked to ensumber of products with errors: 0	sure it consists of both an XML header file (.H	IDR) and a NetCDF product file (.nc).
5.2 P2P Product Header Analysis		
For all products, a series of pre-defined checks are performed on the MPH and S Number of products with errors: 0	SPH in order to identify any inconsistencies a	nd/or errors raised by the ground-segment processing chain.
6.3 P2P Auxiliary Data File Usage Check		
Each product is checked for missing Data Set Descriptors with respect to a pre-c	determined baseline and also to check the val	idity of Auxiliary Data Files is correct.
Number of products with errors: 0		
6.4 P2P Auxiliary Correction Error Check		
or all products, the auxiliary corrections within the Geophysical Group are chec	ked 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,
ollowed by a table highlighting any additional issues which may arise from ECMWF Meteo Corrections: Currently the following corrections are not comp	outed over CONTINENTAL ICE: Dry Troposph	
nd the U-Wind and V-Wind components of the ECMWF model wind vector. This the table below.	s is a known anomaly (CRYO-COP-3) and wi	I be resolved in a future IPF update. The affected products are not report
Sea State Bias & Sea State Bias PLRM: The error value is currently set for p		
Altimetric Wind Speed Error: The error value is currently set for products over lumber of products with errors: 30	er land and sea ice, but this is to be expected	
	Test Failed	Description
Product CS_OFFL_SIR_GOP_220191223T233113_20191224T002050_C002	Mean Sea Surface (1), Mean Dynamic Topography (1)	Description There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220191224T002050_20191224T011026_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynami Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220191224T011026_20191224T020003_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 Dynami Topography height (solution 1) and the Total Geocentric Ocean Tide hei (solution 1: GOT) for one or more records
		There is an error with the MSS height (solution 1) and the Mean Dynami

CS_OFFL_SIR_GOP_2_20191224T020003_20191224T024940_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_20191224T024940_20191224T033917_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

Display Display <t< th=""><th></th><th>1</th><th></th></t<>		1	
Description Description Topography (p) Topography (p) Topography (p) CS_GFL_SR_GOP0019224T06181_00197_0011 Kan Sector (), Kan Dyamin Topography (p) Topography (p) CS_GFL_SR_GOP0019224T06181_00197_0011 Kan Sector (), Kan Dyamin Topography (p) Topography (p) CS_GFL_SR_GOP0019224T06057_20191224T065574L0011 Topography (p) Kan Sector (), Kan Dyamin There is an error with the KMS Displic (calabor 1) set the Man Dyamin CS_GFL_SR_GOP00191224T06057_20191224T00555_0011 Wan Sec Subsci (), Man Dyamin There is an error with the KMS Displic (calabor 1) set the Man Dyamin CS_GFL_SR_GOP00191224T06056_0011 Wan Sec Subsci (), Man Dyamin There is an error with the KMS Displic (calabor 1) set the Man Dyamin CS_GFL_SR_GOP00191224T06056_0011 Wan Sec Subsci (), Man Dyamin There is an error with the KMS Displic (calabor 1) set the Man Dyamin CS_GFL_SR_GOP00191224T06056_0011 Wan Sec Subsci (), Man Dyamin There is an error with the KMS Displic (calabor 1) set the Man Dyamin CS_GFL_SR_GOP00191224T06056_0011 Wan Sec Subsci (), Man Dyamin There is an error with the KMS Displic (calabor 1) set the Man Dyamin CS_GFL_SR_GOP00191224T10561_0011 Wan Sec Subsci (), Man Dyamin There is an error with the KMS Displic (calabor 1) set the Man Dyamin	CS_OFFL_SIR_GOP_220191224T033917_20191224T042854_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
Dis. MTL_BRY_OPE_2_0111224108887_0001 Toography (1) Toography (1) Toography (1) Toography (1) C8_OFTL_SIR_GOP_2_0191224108876_0001 Main See Suffact (1), Main Dynami Toography (1) The is an error with the MSS height (solution 1) and the Main Dynami C8_OFTL_SIR_GOP_2_0191224108876_0001 Main See Suffact (1), Main Dynami Toography (1) There is an error with the MSS height (solution 1) and the Main Dynami C8_OFTL_SIR_GOP_2_0191224108876_0001 Main See Suffact (1), Main Dynami Toography (1) There is an error with the MSS height (solution 1) and the Main Dynami C8_OFTL_SIR_GOP_2_0191224108868_0001 Main See Suffact (1), Main Dynami Toography (1) There is an error with the MSS height (solution 1) and the Main Dynami Toography (1) Toography (1) There is an error with the MSS height (solution 1) and the Main Dynami Toography (1) There is an error with the MSS height (solution 1) and the Main Dynami Toography (1) There is an error with the MSS height (solution 1) and the Main Dynami Toography (1) There is an error with the MSS height (solution 1) and the Main Dynami Toography (1) There is an error with the MSS height (solution 1) and the Main Dynami Toography (1) Toography (1) Toography (1) Toography (1) Toography (1) Toography (1) Toography height (solution 1) and the Main Dynami	CS_OFFL_SIR_GOP_220191224T042854_20191224T051831_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
 Cell, DFL, SIR, GOP 2, 20191224108008, 20191224108008, 20091 Tapography (1) Cell, SIR, GOP 2, 20191224108008, 20091224108008, 20091 Man Sis Suffact (1), Man Dynami, Tapography (1) Cell, SIR, GOP 2, 20191224108008, 2009122410808, 20091224108008, 200912241000008, 20091224100008, 20091224108008, 20091224108008, 2009124	CS_OFFL_SIR_GOP_2_20191224T051831_20191224T060807_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
Displant Displant Topography legit (usion 1) for eer or more records CS_OFFL_SIR_GOP_2_20191224T074721_20191224T082658_C001 Mean See Surface (1). Mean Dynamic Topography legit (usion 1) for eer or more records CS_OFFL_SIR_GOP_2_20191224T08265_20191224T100640_C001 Mean See Surface (1). Mean Dynamic Topography legit (usion 1) for eer or more records CS_OFFL_SIR_GOP_2_20191224T100641_C001 Mean See Surface (1). Mean Dynamic Topography legit (usion 1) for eer or more records CS_OFFL_SIR_GOP_2_20191224T101641_C001 Mean See Surface (1). Mean Dynamic Topography legit (usion 1) for eer or more records CS_OFFL_SIR_GOP_2_20191224T101641_C001 Mean See Surface (1). Mean Dynamic Topography legit (usion 1) for eer or more records CS_OFFL_SIR_GOP_2_20191224T10640_20191224T116528_C001 Mean See Surface (1). Mean Dynamic Topography legit (usion 1) for eer or more records CS_OFFL_SIR_GOP_2_20191224T116528_C0011 Mean See Surface (1). Mean Dynamic Topography legit (usion 1) for eer or more records CS_OFFL_SIR_GOP_2_20191224T134532_C0011 Mean See Surface (1). Mean Dynamic Topography legit (usion 1) for eer or more records CS_OFFL_SIR_GOP_2_20191224T134532_C0011 Mean See Surface (1). Mean Dynamic Topography legit (usion 1) for eer or more records CS_OFFL_SIR_GOP_2_20191224T134532_C0011 Mean See Surface (1). Mean Dynamic Topography legit (usion 1) for eer or more records CS_OFFL_SIR_GOP_2_20191224T132450_20191224T132450_C001	CS_OFFL_SIR_GOP_220191224T060807_20191224T065744_C001	Topography (1), Total Geocentric Ocean	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
Mail PFF_SR_SR_SOP019124110421_019124110808_001 Tragegraphy (1) Tragegraphy (1) Tragegraphy (1) CS_OFFL_SIR_GOP0191241108105_0191241108105_0001 Mean Bas Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP019124110811_2019124110818_001 Mean Sas Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP01912241110548_001912241110548_001 Mean Sas Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP01912241110548_001912241110548_001 Mean Sas Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP01912241110548_01912241110548_001 Mean Sas Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP01912241110548_01912241142502_001 Mean Sas Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP01912241130438_01912241142415_0001 Mean Sas Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP01912241130438_01912241142415_0001 Mean Sas Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OF	CS_OFFL_SIR_GOP_220191224T065744_20191224T074721_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
Col., PPFL_SR_GOP201912241108308_001191224110343_0001 Troography (1) Troography (1) Troography (1) CS_OFFL_SIR_GOP_2_20191224110611_20191224110548_0001 Mean Sas Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224110548_201912241115525_201912241115525_0001 Mean Sas Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_201912241115525_201912241115525_0001 Mean Sas Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_201912241124502_20191224113438_0001 Mean Sas Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_201912241124502_20191224113438_0001 Mean Sas Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224113328_20191224116332_0001 Mean Sas Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224116332_0191224116332_0001 Mean Sas Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224116332_019	CS_OFFL_SIR_GOP_220191224T074721_20191224T083658_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_2019124110648_20191241110548_0001 Topography (1) Topography hight (colution 1) for one rome records CS_OFFL_SIR_GOP_2_201912241110548_201912241110548_0001 Main Sea Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_201912241110548_201912241115525_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_201912241116525_201912241124502_0001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_201912241124502_01912241124502_0001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_201912241124502_01912241124502_0001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20191224116332_0191224116332_0001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20191224116332_0191224116332_0001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20191224116332_0191224116332_0001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_20191224116332_019	CS_OFFL_SIR_GOP_220191224T083658_20191224T092635_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20191224T10348_20191224T115252_C001 Mean Sea Sufface (1), Mean Dynamic Tapography (1) Tapography teight (colution 1) or one or more records CS_OFFL_SIR_GOP_2_20191224T110526_20191224T124502_C001 Mean Sea Sufface (1), Mean Dynamic Tapography teight (colution 1) or one or more records CS_OFFL_SIR_GOP_2_20191224T124502_20191224T13438_C001 Mean Sea Sufface (1), Mean Dynamic Tapography teight (colution 1) or one or more records CS_OFFL_SIR_GOP_2_20191224T124502_20191224T133438_C001 Mean Sea Sufface (1), Mean Dynamic Tapography teight (colution 1) and the Mean Dynamic Tapography teight (colution 1) or one or more records CS_OFFL_SIR_GOP_2_20191224T124502_20191224T133438_C001 Mean Sea Sufface (1), Mean Dynamic Tapography teight (colution 1) and the Mean Dynamic Tapography teight (colution 1) or one or more records CS_OFFL_SIR_GOP_2_20191224T162382_C001 Mean Sea Sufface (1), Mean Dynamic Tapography teight (colution 1) or one or more records CS_OFFL_SIR_GOP_2_20191224T163382_C001 Mean Sea Sufface (1), Mean Dynamic Tapography teight (colution 1) or one or more records CS_OFFL_SIR_GOP_2_20191224T163382_C001 Mean Sea Sufface (1), Mean Dynamic Tapography teight (colution 1) and the Mean Dynamic Tapography teight (colution 1) or one or more records CS_OFFL_SIR_GOP_2_20191224T165382_C001 Mean Sea Sufface (1), Mean Dynamic Tapography teight (colution 1) and the	CS_OFFL_SIR_GOP_220191224T092635_20191224T101611_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20191224T13632_C001 Topography (1) Topography (1) Topography (1) CS_OFFL_SIR_GOP_2_20191224T13552_0191224T134582_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T13458_0191224T13458_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) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T142455_20191224T16322_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T16322_0191224T16329_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T16329_0191224T16329_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) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T16326_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1	CS_OFFL_SIR_GOP_2_20191224T101611_20191224T110548_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
Cis_OFFL_SiR_GOP_2_201912241133438_201912241133438_2001 Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) Cis_OFFL_SIR_GOP_2_201912241133438_201912241133438_201912241142415_C001 Mean Sea Surface (1). Mean Dynamic Topography height (solution 1) for one or more records Cis_OFFL_SIR_GOP_2_201912241142415_201912241151362_C001 Mean Sea Surface (1). Mean Dynamic Topography height (solution 1) for one or more records Cis_OFFL_SIR_GOP_2_20191224116332_20191224116332_2001 Mean Sea Surface (1). Mean Dynamic Topography height (solution 1) or one or more records Cis_OFFL_SIR_GOP_2_20191224116332_201912241163329_C001 Mean Sea Surface (1). Mean Dynamic Topography height (solution 1) or one or more records Cis_OFFL_SIR_GOP_2_201912241163329_201912241163306_C001 Mean Sea Surface (1). Mean Dynamic Topography height (solution 1) or one or more records Cis_OFFL_SIR_GOP_2_201912241163306_201912241163306_C001 Mean Sea Surface (1). Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) in the Mean Dynamic Topography height	CS_OFFL_SIR_GOP_2_20191224T110548_20191224T115525_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20191224T124502_20191224T12450_2011 Topography (1) Topography (1) CS_OFFL_SIR_GOP_2_20191224T134348_20191224T12415_0011 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T151352_0011 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T160329_20191224T160329_0011 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T165306_0011 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynam	CS_OFFL_SIR_GOP_2_20191224T115525_20191224T124502_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20191224T142415_20011224T142415_20011 Topography (1) Topography (1) CS_OFFL_SIR_GOP_2_20191224T142415_20191224T161352_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T160329_20191224T160329_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T160329_20191224T165306_C001 There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1). The Total Geocentric Ocean Tide (GOT), Total Geocen	CS_OFFL_SIR_GOP_2_20191224T124502_20191224T133438_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20191224T181352_00191224T181352_0001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T160329_00191224T160329_0010 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T160329_00191224T165306_0011 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T165306_20191224T174242_0001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T174242_00191224T183219_0001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T183219_0191224T183219_0001 Mean Sea 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_20191224T183219_0191224T183219_0011 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T183219_0191224T183219_0011 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topograp	CS_OFFL_SIR_GOP_2_20191224T133438_20191224T142415_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20191224T16332_20191224T165306_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T165306_20191224T165306_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geccentric Coean 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 Geccentric Coean Tide (FES), Non-Equilibrium Long Period Ocean Tide CS_OFFL_SIR_GOP_2_20191224T174242_20191224T183219_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1), the Total Geccentric Coean Tide (GCT), Total Geccentric Coean Tide (GCT), Non-Equilibrium Long Period Coean Tide height for one or more records CS_OFFL_SIR_GOP_2_20191224T183219_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geccentric Coean Tide (GCG), Non-Equilibrium Long Period Coean Tide height for one or more records CS_OFFL_SIR_GOP_2_20191224T183219_20191224T192156_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T192156_20191224T20113_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geccentric Coean Tide (GCT) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1), Total Geccentric Coean Tide (GOT) CS_OFFL_SIR_GOP_2_20191224T20113_20191224T210110_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geccentric Coean Tide (GOT), Total Geccentric Coean Tide (GOT) There is an eror with the MSS height (solution 1) and the	CS_OFFL_SIR_GOP_2_20191224T142415_20191224T151352_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20191224T163306_20191224T174242_C001 Topography (1) Topography (e) CS_OFFL_SIR_GOP_2_20191224T165306_20191224T174242_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (GS), Non-Equilibrium Long Period Ocean Tide height for one or more records CS_OFFL_SIR_GOP_2_20191224T174242_20191224T183219_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) Total Geocentric Ocean Tide (GS), Total Geocentric Ocean Tide (SS_OFFL_SIR_GOP_2_20191224T183219_20191224T192156_C001 There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (GS), Total Geocentric Ocean Tide (GS), Total Geocentric Ocean Tide (GC), Total Geocentric Ocean Tide (SS_OFFL_SIR_GOP_2_20191224T192156_20191224T201133_C001 There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GC)), Total Geocentric Ocean Tide (GC) CS_OFFL_SIR_GOP_2_20191224T192156_20191224T201133_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T201133_20191224T210110_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean Tide height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T210113_20191224T210110_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide height (solution 1) for one or more records CS_OFFL_SIR_GOP_2	CS_OFFL_SIR_GOP_2_20191224T151352_20191224T160329_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20191224T165306_20191224T174242_C001 Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide Neight (solution 1), the Total Geocentric Ocean Tide Neight (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide Neight (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide Neight (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide Neight (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide Neight (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide Neight (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide Neight (solution 1), the Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (Solution 1), the Total Geocentric Ocean Tide Neight (solution 1), the Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide Neight (solution 1), the Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide Neight (solution 1), the Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide Neight (solution 1), the Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide Neight (solution 1), the Total Geocentric Oce	CS_OFFL_SIR_GOP_2_20191224T160329_20191224T165306_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20191224T183219_20191224T183219_C001 Topography (1) Topography leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T183219_20191224T192156_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T192156_20191224T201133_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T201133_20191224T210110_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean Tide height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean Tide Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean Tide Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean Tide height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T210110_20191224T215046_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the 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_20191224T215046_20191224T224023_C001 Mean Sea Surf	CS_OFFL_SIR_GOP_220191224T165306_20191224T174242_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period	(solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height
CS_OFFL_SIR_GOP_2_20191224T183219_20191224T192156_C001Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FS), Non-Equilibrium Long Period Ocean TideInere is an error with the MSS height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FSS) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FSS) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FSS) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FSS) and the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOP_2_20191224T201133_20191224T210110_C001Mean 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 Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)CS_OFFL_SIR_GOP_2_20191224T210110_20191224T215046_C001Mean Sea 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 recordsCS_OFFL_SIR_GOP_2_20191224T215046_20191224T224023_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) for all Geocentric Ocean Tide (GOT), Total Geoc	CS_OFFL_SIR_GOP_220191224T174242_20191224T183219_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20191224T210110_20191224T210110_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T201133_20191224T210110_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 (1) CS_OFFL_SIR_GOP_2_20191224T210110_20191224T215046_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T215046_20191224T224023_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T224023_20191224T224023_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T224023_20191224T233000_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T224023_20191224T233000_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height or one or more records	CS_OFFL_SIR_GOP_220191224T183219_20191224T192156_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period	(solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height
CS_OFFL_SIR_GOP_2_20191224T201133_20191224T210110_C001 Topography (1), Total Geocentric Ocean Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records CS_OFFL_SIR_GOP_2_20191224T210110_20191224T215046_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T215046_20191224T224023_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20191224T215046_20191224T224023_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T224023_20191224T223000_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T224023_20191224T233000_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 1), the Total Geocentric Ocean Tide height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period O	CS_OFFL_SIR_GOP_2_20191224T192156_20191224T201133_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20191224T215046_20191224T224023_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T215046_20191224T224023_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20191224T224023_20191224T223000_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 height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records	CS_OFFL_SIR_GOP_2_20191224T201133_20191224T210110_C001	Topography (1), Total Geocentric Ocean	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20191224T224023_20191224T223000_C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period There is an error with the MSS height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean	CS_OFFL_SIR_GOP_2_20191224T210110_20191224T215046_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20191224T224023_20191224T233000_C001 Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	CS_OFFL_SIR_GOP_2_20191224T215046_20191224T224023_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
	CS_OFFL_SIR_GOP_220191224T224023_20191224T233000_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period	(solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height
CS_OFFL_SIR_GOP_2_20191224T233000_20191225T001937_C002 Mean Sea Surface (1), Mean Dynamic Topography (1) Topography height (solution 1) for one or more records	CS_OFFL_SIR_GOP_2_20191224T233000_20191225T001937_C002	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

6.6 P2P Measurement Quality Flag Check	
P2P Quality Flags (20Hz)	
CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz F	PLRM and 1 Hz measurement record, copied from the corresponding L2 products.
Since the P2P Quality Flags are copied directly from the L2 C	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 directly from the L2 0	Quality Flags, please see Section 5.6 for the full list of products affected.
Number of products with errors: 29	
P2P Quality Flags (1 Hz & 1Hz PLRM)	
Since the P2P Quality Flags are copied directly from the L2 C	Quality Flags, please see Section 5.6 for the full list of products affected.

Number of products with errors:

30

2

6.8 P2P Ocean Retracking Quality Check		
P2P Retracking Flags (20Hz) Cryosat P2P data includes an ocean retracking o	uality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.	
Ocean Retracking Quality Flag (PLRM): This f	ag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.	
Number of products with errors:	28	
P2P Retracking Flags PLRM		
CryoSat L2 data includes an ocean retracking qu	ality flag for each 20-Hz PLRM measurement record. The bit value of this flag indicates any problems when set.	
Ocean Retracking Quality Flag (PLRM): This f	ag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.	
Number of products with errors:	30	